



SITE INFORMATION

Closure Report
Conoco Federal #001 (12.27.2004)
Incident #: NPRS0502344803
Lea County, New Mexico
Unit L Sec 17 T18S R32E
32.746666°, -103.7960739°

Crude Oil Release
Point of Release: Crude Oil Storage Tank Overflowed
Release Date: 12.27.2004
Volume Released: 125 Barrels of Crude Oil
Volume Recovered: 110 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Chevron U.S.A., Inc.
6301 Deauville Blvd
Midland, Texas 79706

Prepared by:
Carmona Resources, LLC
310 West Wall Street
Suite 500
Midland, Texas 79701



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May 16, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Closure Report
Conoco Federal #1 Battery
Incident ID: NPRS0502344803
Chevron U.S.A., Inc.
Site Location: Unit L, S17, T18S, R30E
(Lat 32.746666°, Long -103.7960739°)
Lea County, New Mexico

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment and remediation activities for the Conoco Federal #1 Battery. The site is located at 32.746666°, -103.7960739° within Unit L, S17, T18S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the information obtained from the NMOCD portal, the release was discovered on December 27, 2004, caused by a crude oil storage tank overflowing releasing approximately one hundred and twenty-five (125) barrels of crude oil of which one hundred and ten (110) barrels of crude oil were recovered. The NMOCD correspondence is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.72 miles Northwest of the site in Unit P, S07, T18S, R32E and was drilled in 1992. The well has a reported depth to groundwater of 430' feet below ground surface (bgs). A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.



4.0 Site Assessment Activities

Initial Assessment

On April 3, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release utilizing a hand auger. A total of four (4) soil samples (S-1 through S-4), and six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 5' bgs inside the area of concern. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations, with the exception of S-4. The area of S-4 was vertically delineated during remediation. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

Between May 12, 2025, and May 15, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on May 5, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-2 was excavated to a depth of 1.5' bgs. And the area of S-4 was excavated to a depth of 7' bgs. A total of four (4) confirmation floor samples were collected (CS-1 through CS-4), and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Before the excavation was backfilled, a composite sample of the backfill material was collected on May 14, 2025, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the Lealand located at 32.52900°, -103.78344°. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Per the client request pea gravel was added to the surface to minimize slips, trips, and falls during normal oilfield operations. Approximately 544 square feet of contamination was remediated, resulting in approximately 132 cubic yards of material excavated and transported offsite for proper disposal.



6.0 Conclusions

Based on the analytical data from the remediation, no further actions are required at the site. Chevron formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

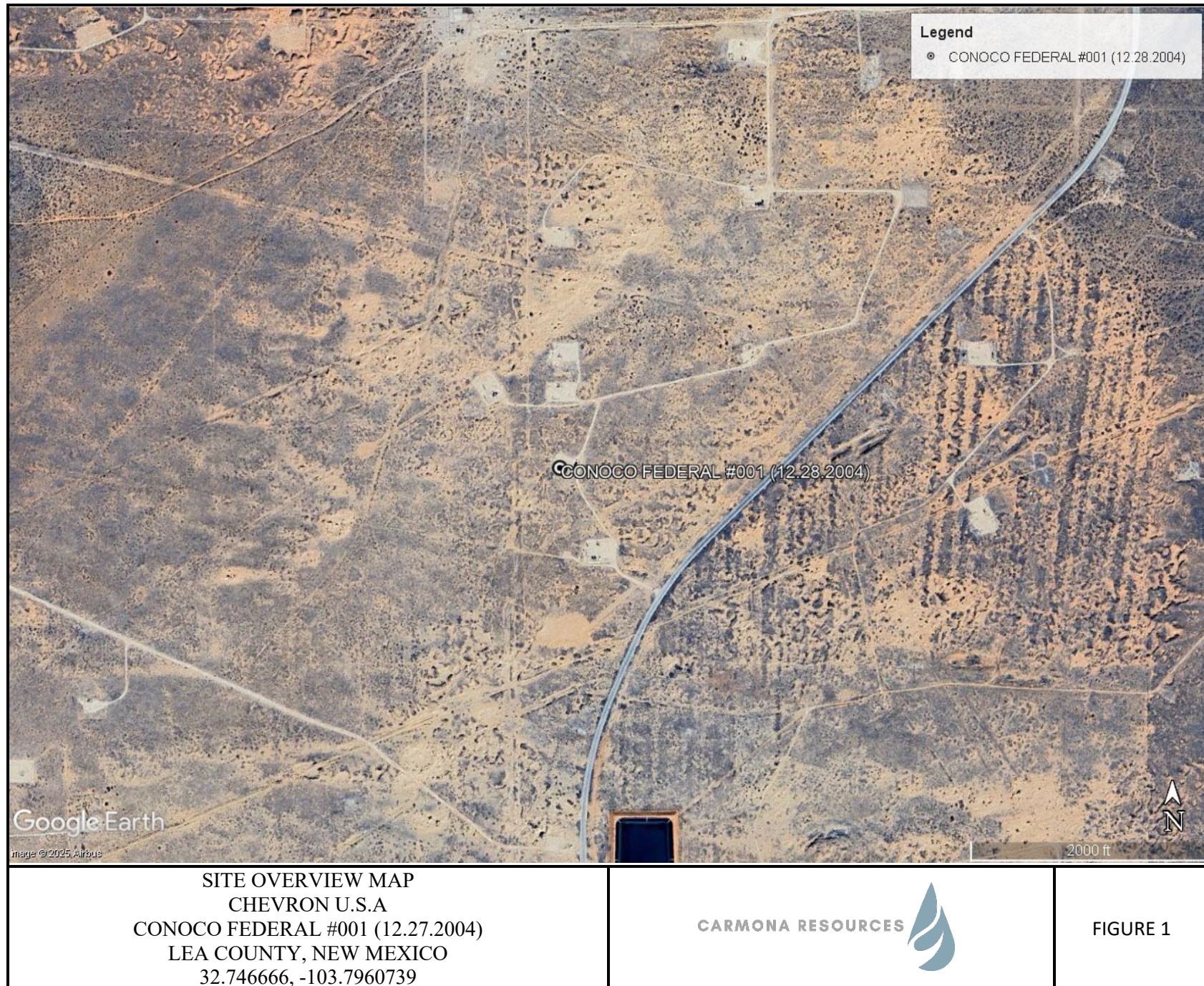
Ashton Thielke
Environmental Manager

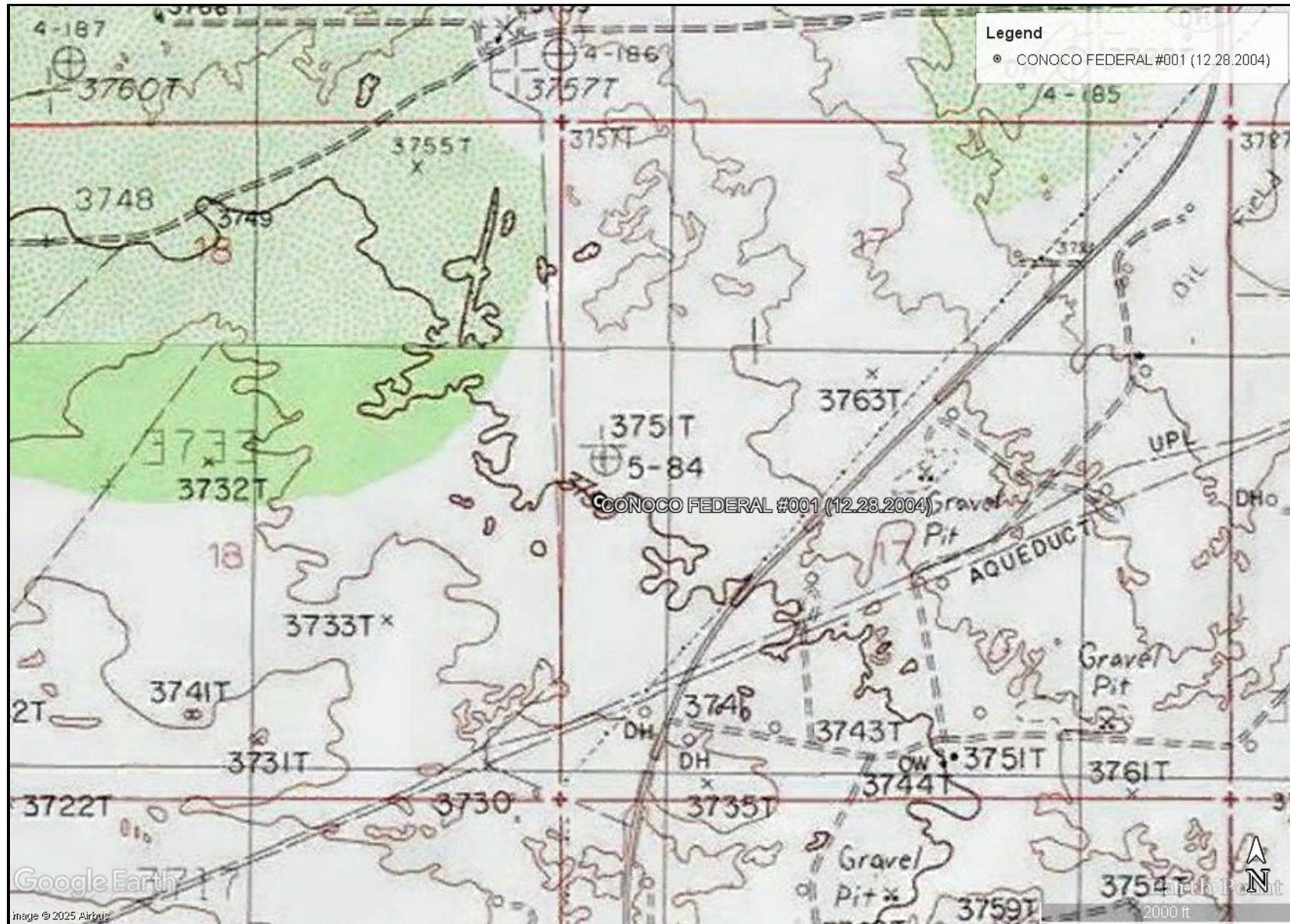
Riley Plogger
Project Manager

FIGURES

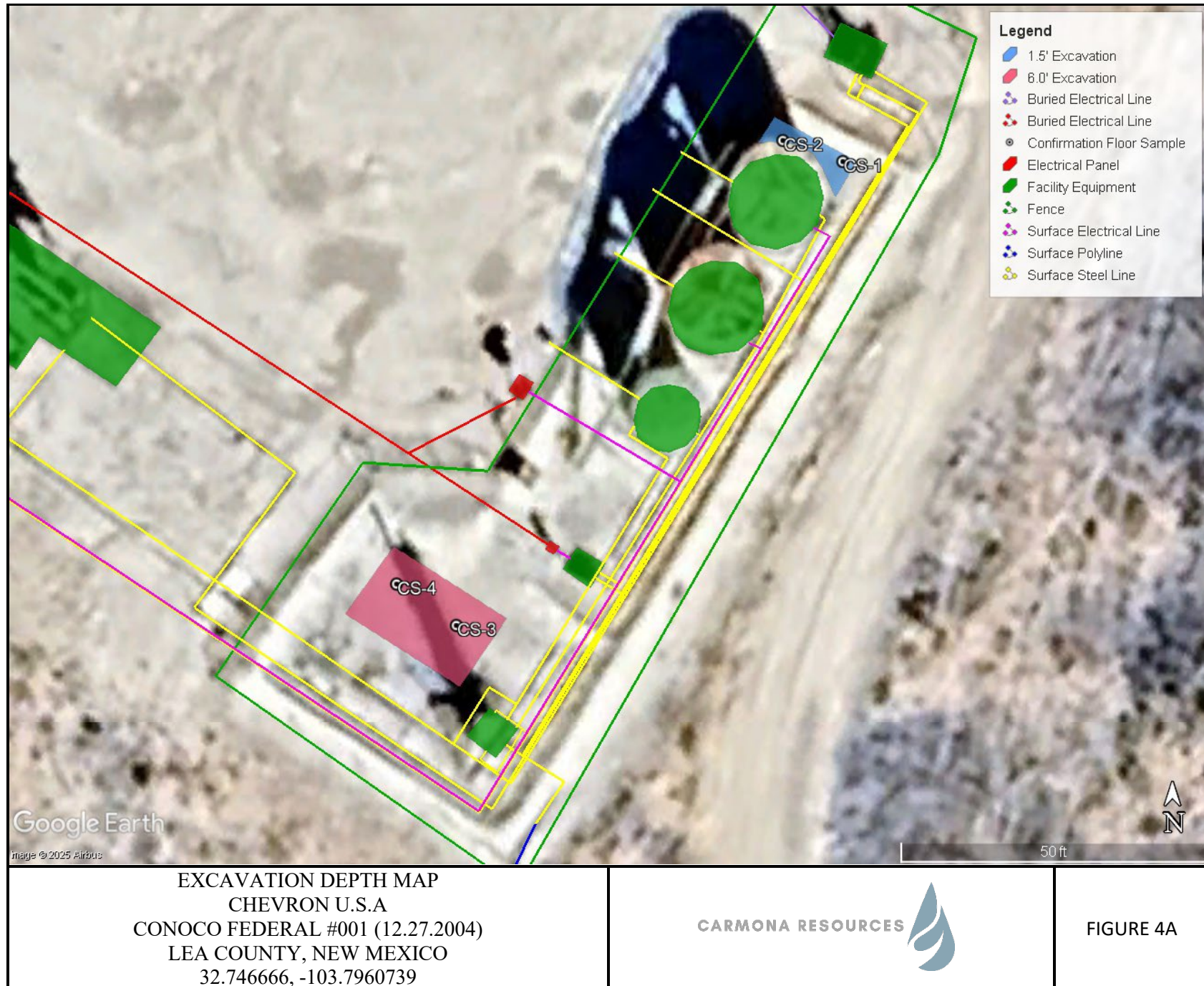
CARMONA RESOURCES

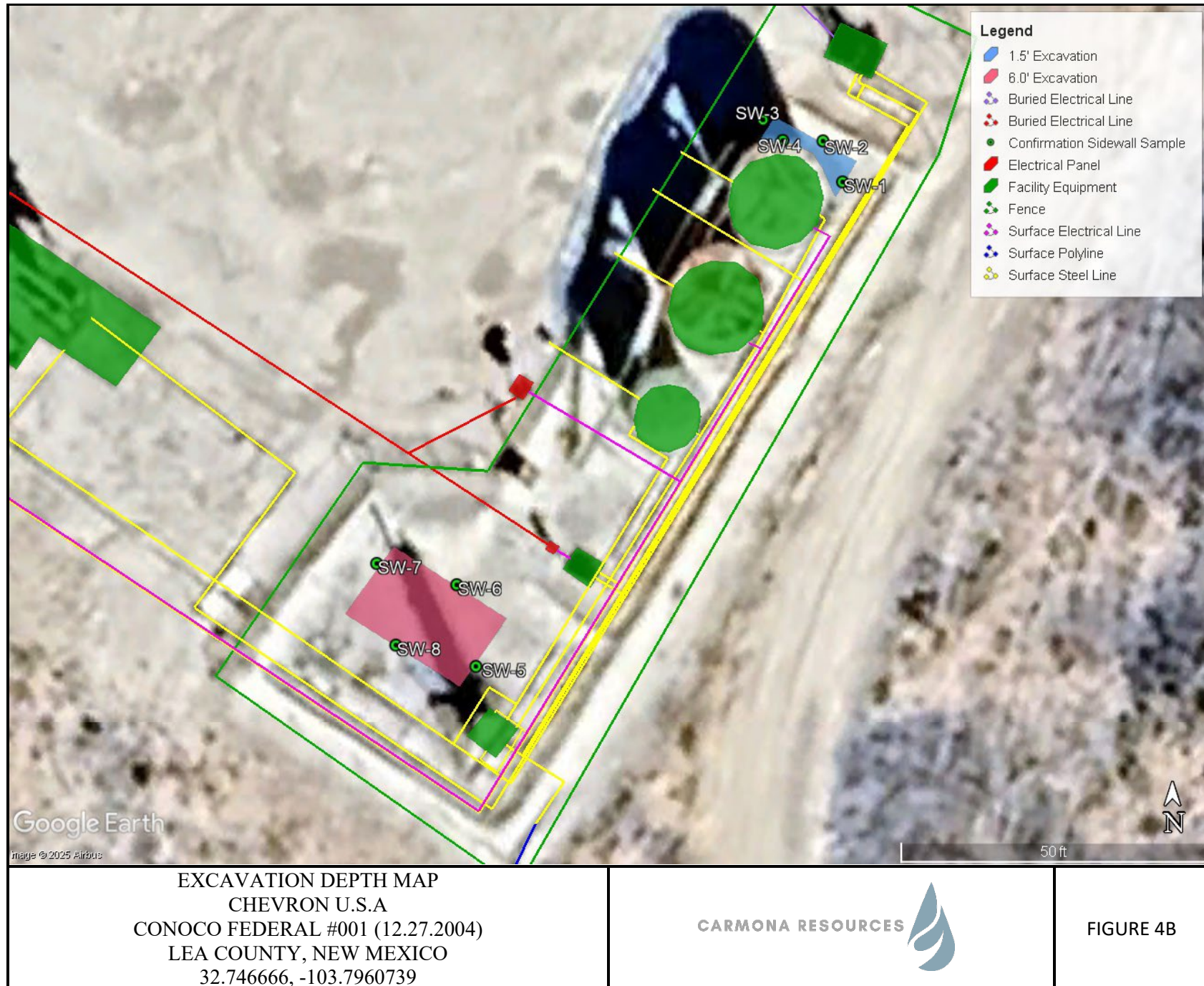












APPENDIX A

CARMONA RESOURCES



Table 1
Chevron
CONOCO FEDERAL #001 (12.27.2004)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	4/3/2025	0-1.0	<49.7	65.0	<49.7	65.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	96.6
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	52.0
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	69.0
	"	3.0	<50.5	<50.5	<50.5	<50.5	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	78.8
	"	4.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	123
	"	5.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	209
S-2	4/3/2025	0-1.0	<49.8	257	<49.8	257	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	130
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	94.6
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	66.0
	"	3.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	142
	"	4.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	140
	"	5.0	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	164
S-3	4/3/2025	0-1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	103
	"	1.5	<49.7	<49.7	<49.7	<49.7	0.00272	<0.00201	<0.00201	<0.00402	<0.00402	68.1
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	84.3
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	61.4
	"	4.0	<49.8	<49.8	<49.8	<49.8	0.00268	<0.00200	<0.00200	<0.00400	<0.00400	98.4
	"	5.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	107
S-4	4/3/2025	0-1.0	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	420
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	214
	"	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	336
	"	3.0	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	529
	"	4.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,050
	"	5.0	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	850
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Soil Sample

Removed

Table 1
Chevron
CONOCO FEDERAL #001 (12.27.2004)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	4/3/2025	0-0.5	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	110
H-2	4/3/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	300
H-3	4/3/2025	0-0.5	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	151
H-4	4/3/2025	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	108
H-5	4/3/2025	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.7
H-6	4/3/2025	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	167
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) Horizontal Sample

Table 2
Chevron
CONOCO FEDERAL #001 (12.27.2004)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	5/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
CS-2	5/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
CS-3	5/13/2025	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-4	5/13/2025	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-1	5/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-2	5/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
SW-3	5/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-4	5/13/2025	1.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	5/13/2025	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-6	5/13/2025	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
SW-7	5/13/2025	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
SW-8	5/13/2025	7.0'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
Backfill Data	5/14/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons
ft - feet

(CS) Confirmation Sample
(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Chevron U.S.A. Inc.

Photograph No. 1

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:
View Southeast, Well Sign.



Photograph No. 2

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:
View Southeast, area of S-1

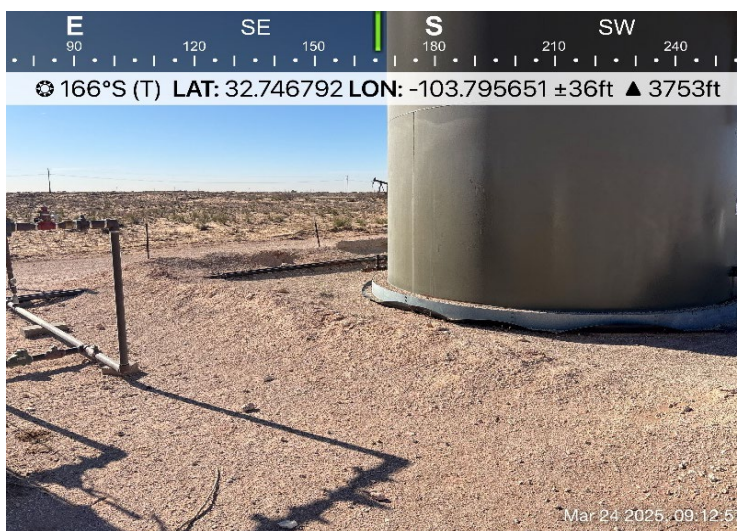


Photograph No. 3

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:
View South, area of S-2



PHOTOGRAPHIC LOG

Chevron U.S.A. Inc.

Photograph No. 4

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:
View Southwest, area of S-1

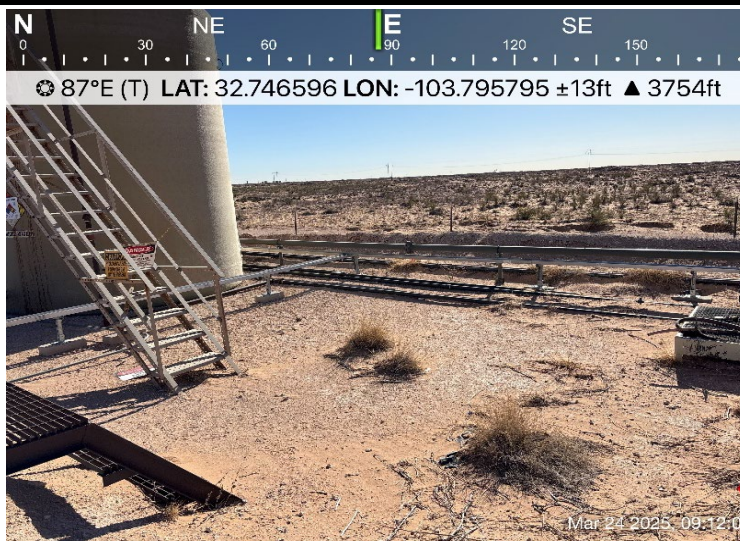


Photograph No. 5

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:
View East, area of S-3

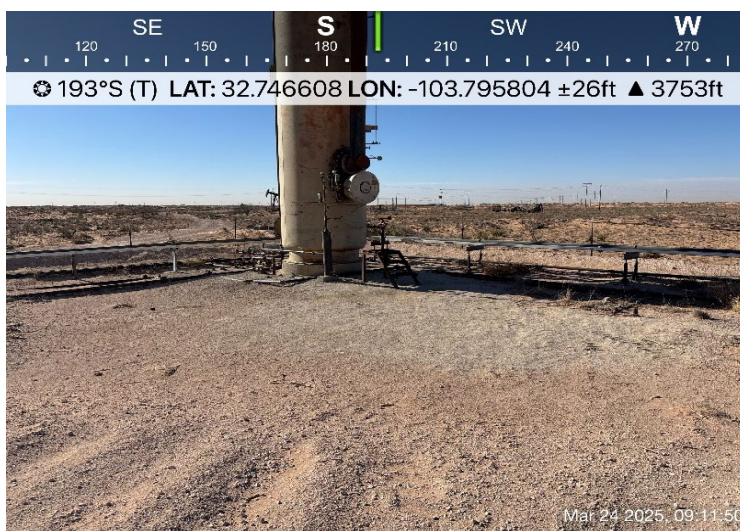


Photograph No. 6

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:
View South, area of S-4



PHOTOGRAPHIC LOG

Chevron U.S.A. Inc.

Photograph No. 7

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View Southeast, Hydrovac area of CS-1 & CS-2 prior to backfill



Photograph No. 8

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View West, Hydrovac area of CS-1 & CS-2 prior to backfill



Photograph No. 9

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View East, Excavated area of CS-3 & CS-4 prior to backfill



PHOTOGRAPHIC LOG

Chevron U.S.A. Inc.

Photograph No. 10

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View Southeast, Excavated area of CS-3 & CS-4 prior to backfill



Photograph No. 11

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View Northeast, Excavated area of CS-3 & CS-4 prior to backfill



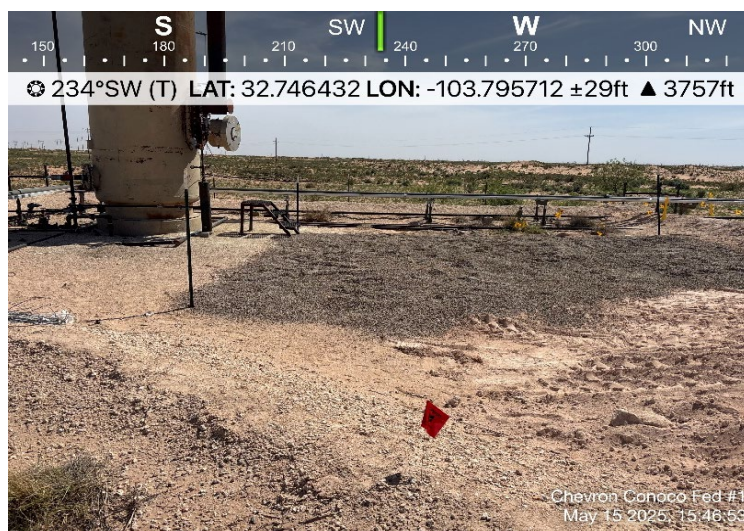
Photograph No. 12

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View Southwest, area backfilled with caliche & #1 pea gravel per Chevron safety protocol.



PHOTOGRAPHIC LOG

Chevron U.S.A. Inc.

Photograph No. 13

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View West, area backfilled with caliche & #1 pea gravel per Chevron safety protocol.



Photograph No. 14

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View Northeast, area backfilled with caliche & #1 pea gravel per Chevron safety protocol.



Photograph No. 15

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View West, area backfilled with caliche & #1 pea gravel per Chevron safety protocol.



PHOTOGRAPHIC LOG

Chevron U.S.A. Inc.

Photograph No. 16

Facility: CONOCO FEDERAL #001
(12.27.2004)

County: Lea County, New Mexico

Description:

View Northeast, area backfilled with caliche & #1 pea gravel per Chevron safety protocol.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report


Name of Company: Chesapeake Energy	Contact: Brad Blevins
Address 5014 Carlsbad Highway Hobbs, New Mexico 88240	Telephone No. 505.391.1462
Facility Name Conoco Federal #1 Battery ref.#160004	Facility Type Crude Oil Storage Tank
Surface Owner: Bureau of Land Management	Mineral Owner Lease No.

LOCATION OF RELEASE

Unit Letter L	Section 17	Township T18S	Range R32E	Feet from the	North/South Line	Feet from the	East/West Line	County: Lea
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Latitude: **32°44'48.099"N** Longitude: **103°47'44.925"W**

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 125 barrels	Volume Recovered 110 barrels
Source of Release Crude Oil Storage Tank	Date and Hour of Occurrence 12/27/2004 @ 10:00:00 AM	Date and Hour of Discovery 12-27-04 @ 1:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Brad Blevins	Date and Hour 12-27-04 @ 1:45 PM	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse. NA	
If a Watercourse was Impacted, Describe Fully.* NA		
Describe Cause of Problem and Remedial Action Taken.* Crude Oil Storage Tank Crude oil storage tank overflowed. Free fluids were vacuumed up and returned to the tank. Near surface saturated soil was scraped up and placed on a plastic barrier on the caliche pad location.		
Describe Area Affected and Cleanup Action Taken.* Total Affected Area=7,545 ft ² (~220' x 80'): The site was delineated during excavation. A portion of the soil was disposed of in the Artesia Aeration Landfarm and the remainder blended to acceptable CoC levels and used to backfill the excavation. The CoC Remedial Goals are: TPH 8015m = 5000 mg/Kg, Benzene = 10 mg/Kg, and BTEX, i.e., the mass sum of Benzene, Ethyl Benzene, Toluene, and Xylenes = 50 mg/Kg.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Brad Blevins	Approved by District Supervisor:	
E-mail Address: BBlevins@CHKEnergy.com	Approval Date:	Expiration Date:
Title: Field Technician	Conditions of Approval:	Attached <input type="checkbox"/>
Date: March , 2005 Phone: 505.391.1462		

Attach Additional Sheets If Necessary

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 458477

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 458477
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPRS0502344803
Incident Name	NPRS0502344803 CONOCO FEDERAL #001 @ 30-025-34958
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-34958] CONOCO FEDERAL #001

Location of Release Source	
Site Name	CONOCO FEDERAL #001
Date Release Discovered	12/28/2004
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,200
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/08/2025
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	“(32.746666,-103.7960739) Carmona Resources will be onsite to conduct a final composite confirmation sampling. Sampling will begin on 05.08.2025 and is expected to continue until 05.12.2025.”

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 458477

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 458477
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	5/5/2025

APPENDIX D

CARMONA RESOURCES

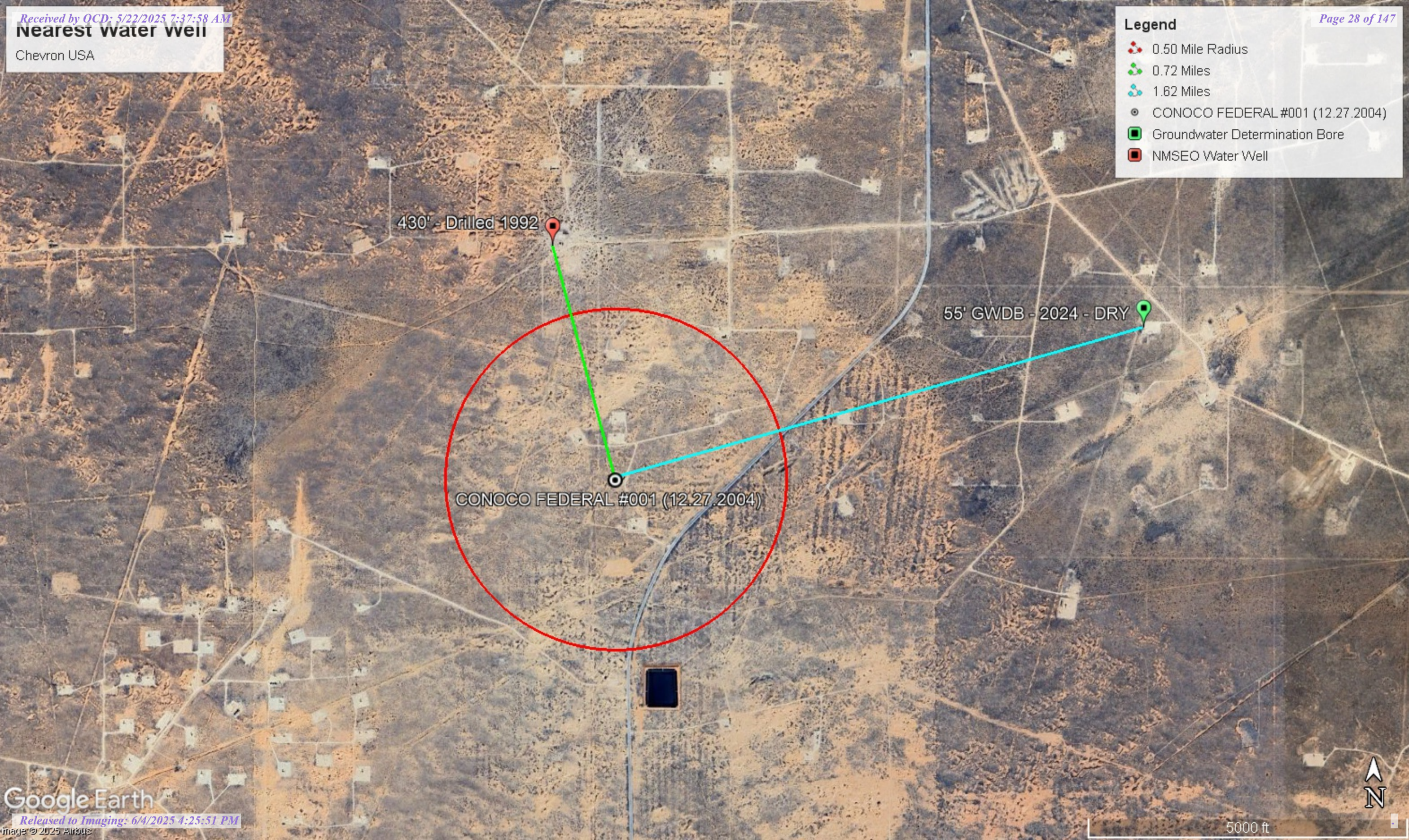


Nearest water well

Chevron USA

Legend

- 0.50 Mile Radius
- 0.72 Miles
- 1.62 Miles
- CONOCO FEDERAL #001 (12.27.2004)
- Groundwater Determination Bore
- NMSEO Water Well



Low Karst

Chevron USA

Legend

- CONOCO FEDERAL #001 (12.27.2004)
- Low

CONOCO FEDERAL #001 (12.27.2004)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 00672		CP	LE		SE	SE	07	18S	32E	612475.0	3624947.0 *		1147	524	430	94
CP 01986 POD1		CP	LE	NW	NW	NE	16	18S	32E	615292.4	3624605.5		2616	55		
CP 00814 POD1		CP	LE		NE	NE	08	18S	32E	614074.0	3626168.0 *		2656	480		
CP 02001 POD1		CP	LE	NE	SW	NW	10	18S	32E	616091.2	3625869.6		3874	55		

Average Depth to Water: **430 feet**

Minimum Depth: **430 feet**

Maximum Depth: **430 feet**

Record Count: 4

UTM Filters (in meters):

Easting: 612789.00

Northing: 3623843.00

Radius: 4000

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)				(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	CP 00672	4	4	07	18S	32E	612475	3624947*	
<hr/>									
Driller License:	46	Driller Company:		ABBOTT BROTHERS COMPANY					
Driller Name:	ABBOTT, MURRELL								
Drill Start Date:	07/17/1992	Drill Finish Date:		08/07/1992		Plug Date:			
Log File Date:	08/12/1992	PCW Rcv Date:				Source: Shallow			
Pump Type:		Pipe Discharge Size:				Estimated Yield:			
Casing Size:	5.50	Depth Well:		524 feet		Depth Water: 430 feet			
<hr/>									
Water Bearing Stratifications:		Top	Bottom	Description					
		460	517	Sandstone/Gravel/Conglomerate					
<hr/>									
Casing Perforations:		Top	Bottom						
		459	524						
<hr/>									

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

6/12/24 1:53 PM

POINT OF DIVERSION SUMMARY



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER


www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) pod 1		WELL TAG ID NO.		OSE FILE NO(S) CP-01986		
	WELL OWNER NAME(S) Coterra Energy Co. (James Hawley)-agent				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS P.O. BOX 3641				CITY Hobbs	STATE NM	ZIP 88241
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 45	SECONDS 11.79 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC.	
	DRILLING STARTED 1/31/24	DRILLING ENDED 1/31/24	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		DATE STATIC MEASURED 2/3/24
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:						
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>
	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)
	0' 55'		4 3/4	no casing left in hole			
3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)		AMOUNT (cubic feet)	METHOD OF PLACEMENT
				N/A			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CP-1986-POD 1	POD NO. 1	TRN NO. 755205
LOCATION Exp 18.32.16.112	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0'	10'	10'	sand	Y ✓ N	
	10'	15'	5'	caliche	Y ✓ N	
	15'	45'	30'	sandy caliche	Y ✓ N	
	45'	55'	10'	red sand	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER – SPECIFY: dry hole						
5. TEST, RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: well was gauged for water on 2/3/24, well was dry, temporary well casing was removed. bore hole was backfilled to 10' BGS with drill cuttings, then hydrated bentonite chips were poured from 10' BGS to surface.					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer					
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:					
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME				James Hawley 2/9/24 DATE	

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CP-1986-Pod 1	POD NO. 1	TRN NO. 755205
LOCATION EAP 18-32-16-112	WELL TAG ID NO.	PAGE 2 OF 2

Mike A. Hamman, P.E.
State Engineer



Well Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 755205
File Nbr: CP 01986
Well File Nbr: CP 01986 POD1

Jan. 12, 2024

JAMES HAWLEY
COTERRA ENERGY CO.
P.O. BOX 3641
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 01/23/2024.

The Well Record was received in this office on 02/12/2024, stating that it had been completed on 01/31/2024, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before 01/22/2025.

If you have any questions, please feel free to contact us.

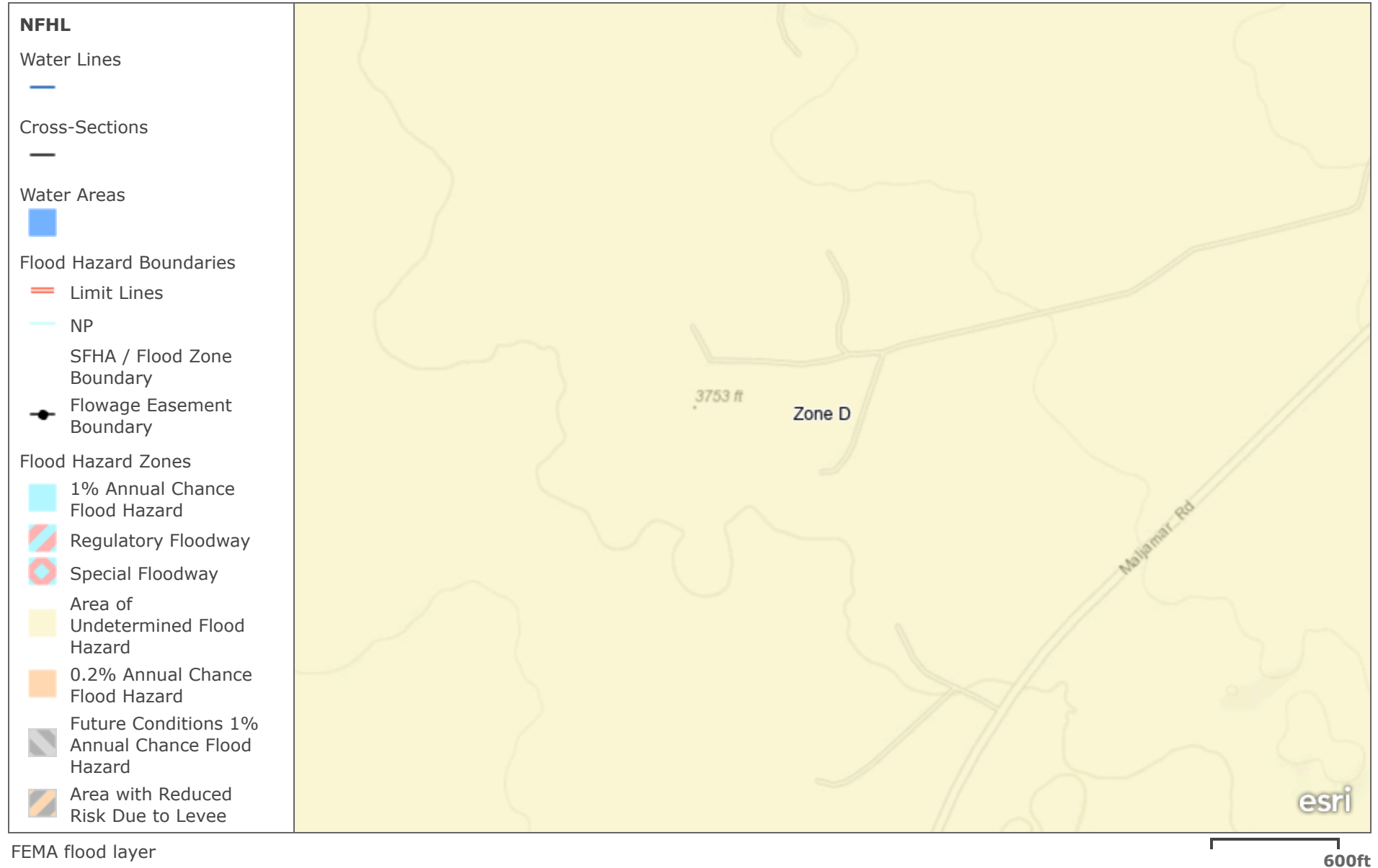
Sincerely,

A handwritten signature in black ink, appearing to read "Maret Thompson".

Maret Thompson
(575) 622-6521

drywell

FEMA National Flood Hazard Layer (NFHL)



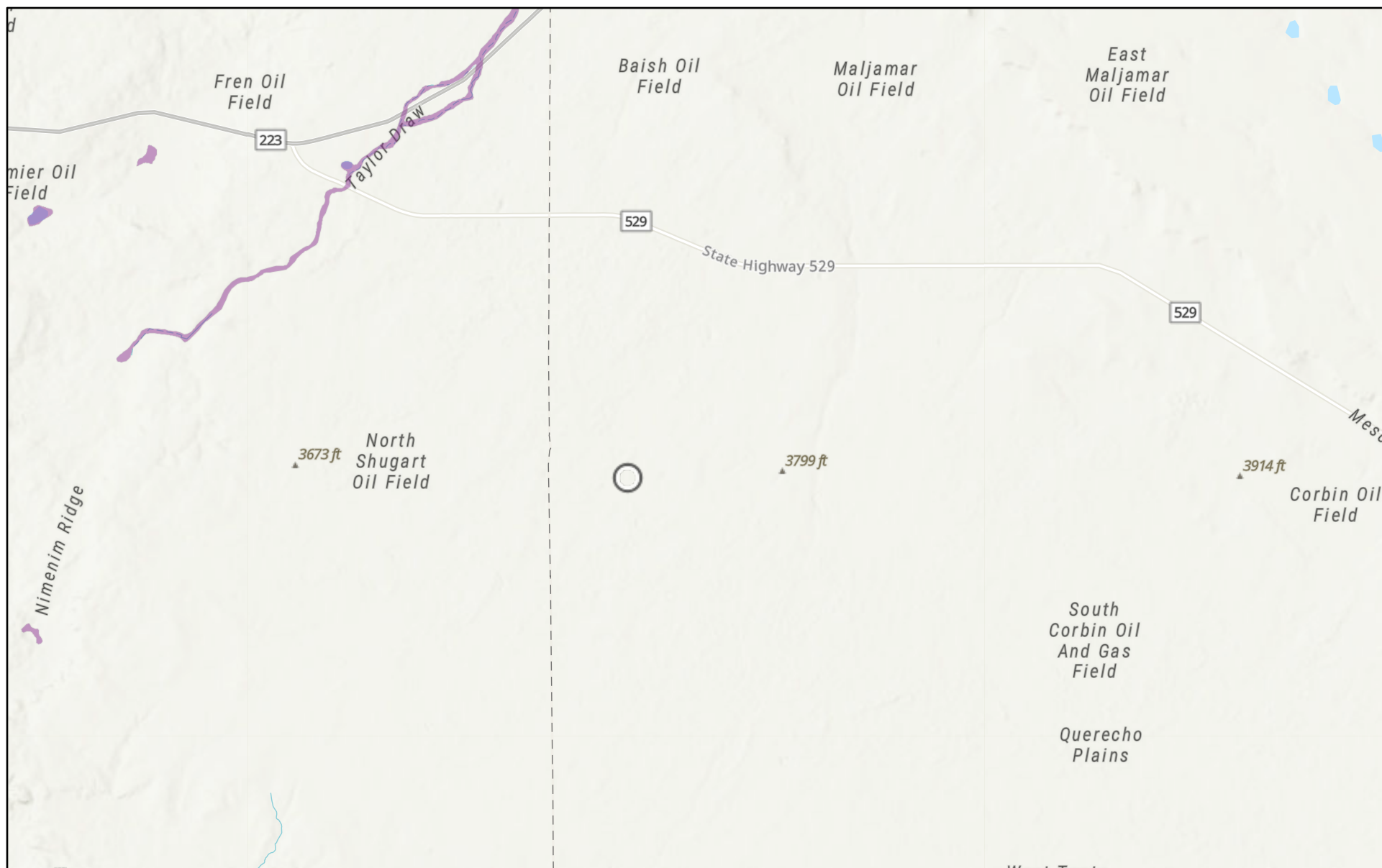
Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

FEMA National Flood Hazard Layer (NFHL)



Maxar | Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

CONOCO FEDERAL #001 (12.28.2004)



3/25/2025

USA Flood Hazard Areas

 1% Annual Chance Flood Hazard

World_Hillshade



1:144,448

0 1 2 4 mi
0 1.5 3 6 km

Esri, NASA, NGA, USGS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701
Generated 4/9/2025 3:10:17 PM

JOB DESCRIPTION

CONOCO FEDERAL #001
Eddy CO NM

JOB NUMBER

880-56520-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/9/2025 3:10:17 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Laboratory Job ID: 880-56520-1
SDG: Eddy CO NM

Table of Contents

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Definitions/Glossary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: CONOCO FEDERAL #001

Job ID: 880-56520-1

Job ID: 880-56520-1

Eurofins Midland

Job Narrative 880-56520-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/4/2025 1:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.0°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-106990/20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107022 and analytical batch 880-107002 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107023 and analytical batch 880-107029 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-56520-1

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 19:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 19:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 19:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:41	04/07/25 19:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 19:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:41	04/07/25 19:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	04/07/25 08:41	04/07/25 19:00	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/07/25 08:41	04/07/25 19:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/25 19:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/07/25 22:01	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *	49.6		mg/Kg		04/07/25 10:01	04/07/25 22:01	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 10:01	04/07/25 22:01	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 10:01	04/07/25 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	04/07/25 10:01	04/07/25 22:01	1
o-Terphenyl (Surr)	121		70 - 130	04/07/25 10:01	04/07/25 22:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		10.0		mg/Kg			04/07/25 15:51	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-56520-2

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:41	04/07/25 19:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:41	04/07/25 19:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:41	04/07/25 19:20	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:41	04/07/25 19:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:41	04/07/25 19:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:41	04/07/25 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	04/07/25 08:41	04/07/25 19:20	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/07/25 08:41	04/07/25 19:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-56520-2

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 19:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/07/25 22:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		04/07/25 10:01	04/07/25 22:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 22:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				04/07/25 10:01	04/07/25 22:17	1
o-Terphenyl (Surr)	122		70 - 130				04/07/25 10:01	04/07/25 22:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		9.90		mg/Kg			04/07/25 15:59	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-56520-3

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 13:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 13:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 13:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 13:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 13:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 13:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				04/07/25 08:43	04/07/25 13:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/07/25 08:43	04/07/25 13:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 13:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/07/25 22:33	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U *	49.6		mg/Kg		04/07/25 10:01	04/07/25 22:33	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 10:01	04/07/25 22:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-56520-3

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 10:01	04/07/25 22:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				04/07/25 10:01	04/07/25 22:33	1
o-Terphenyl (Surr)	127		70 - 130				04/07/25 10:01	04/07/25 22:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	151		9.90		mg/Kg			04/07/25 16:21	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-56520-4

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 14:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 14:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 14:18	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:43	04/07/25 14:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 14:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:43	04/07/25 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				04/07/25 08:43	04/07/25 14:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/07/25 08:43	04/07/25 14:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 14:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			04/07/25 22:49	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U *-	50.3		mg/Kg		04/07/25 10:01	04/07/25 22:49	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		04/07/25 10:01	04/07/25 22:49	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		04/07/25 10:01	04/07/25 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				04/07/25 10:01	04/07/25 22:49	1
o-Terphenyl (Surr)	108		70 - 130				04/07/25 10:01	04/07/25 22:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		10.1		mg/Kg			04/07/25 16:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-56520-5

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 14:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 14:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 14:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 14:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 14:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/07/25 08:43	04/07/25 14:38	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/07/25 08:43	04/07/25 14:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 14:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/07/25 23:05	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *	49.9		mg/Kg		04/07/25 10:01	04/07/25 23:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/25 10:01	04/07/25 23:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/25 10:01	04/07/25 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	04/07/25 10:01	04/07/25 23:05	1
o-Terphenyl (Surr)	106		70 - 130	04/07/25 10:01	04/07/25 23:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.7		10.0		mg/Kg			04/07/25 16:36	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-56520-6

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 14:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 14:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 14:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 14:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 14:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/07/25 08:43	04/07/25 14:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/07/25 08:43	04/07/25 14:59	1

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Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-56520-6

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/25 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/07/25 23:21	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *-	50.1		mg/Kg		04/07/25 10:01	04/07/25 23:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/07/25 10:01	04/07/25 23:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/07/25 10:01	04/07/25 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	04/07/25 10:01	04/07/25 23:21	1
o-Terphenyl (Surr)	108		70 - 130	04/07/25 10:01	04/07/25 23:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		10.0		mg/Kg			04/07/25 16:44	1

Surrogate Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-56520-1	H-1 (0-0.5')	124	91
880-56520-2	H-2 (0-0.5')	122	86
880-56520-3	H-3 (0-0.5')	101	99
880-56520-4	H-4 (0-0.5')	100	97
880-56520-5	H-5 (0-0.5')	99	100
880-56520-6	H-6 (0-0.5')	103	97
880-56533-A-1-E MS	Matrix Spike	121	90
880-56533-A-1-F MSD	Matrix Spike Duplicate	120	93
880-56533-A-6-C MS	Matrix Spike	92	102
880-56533-A-6-D MSD	Matrix Spike Duplicate	99	99
LCS 880-106994/1-A	Lab Control Sample	116	92
LCS 880-106995/1-A	Lab Control Sample	102	99
LCSD 880-106994/2-A	Lab Control Sample Dup	122	87
LCSD 880-106995/2-A	Lab Control Sample Dup	99	100
MB 880-106994/5-A	Method Blank	113	82
MB 880-106995/5-A	Method Blank	99	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-56484-A-6-D MS	Matrix Spike	95	105
880-56484-A-6-E MSD	Matrix Spike Duplicate	103	115
880-56520-1	H-1 (0-0.5')	122	121
880-56520-2	H-2 (0-0.5')	122	122
880-56520-3	H-3 (0-0.5')	126	127
880-56520-4	H-4 (0-0.5')	111	108
880-56520-5	H-5 (0-0.5')	110	106
880-56520-6	H-6 (0-0.5')	112	108
LCS 880-107022/2-A	Lab Control Sample	99	111
LCSD 880-107022/3-A	Lab Control Sample Dup	84	91
MB 880-107022/1-A	Method Blank	112	116
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106994/5-A

Matrix: Solid

Analysis Batch: 106990

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 11:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:41	04/07/25 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:41	04/07/25 11:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:41	04/07/25 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/07/25 08:41	04/07/25 11:39	1
1,4-Difluorobenzene (Surr)	82		70 - 130	04/07/25 08:41	04/07/25 11:39	1

Lab Sample ID: LCS 880-106994/1-A

Matrix: Solid

Analysis Batch: 106990

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09950		mg/Kg		99	70 - 130
Toluene	0.100	0.09017		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08511		mg/Kg		85	70 - 130
m,p-Xylenes	0.200	0.1812		mg/Kg		91	70 - 130
o-Xylene	0.100	0.08756		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-106994/2-A

Matrix: Solid

Analysis Batch: 106990

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09437		mg/Kg		94	70 - 130	5	35
Toluene	0.100	0.09112		mg/Kg		91	70 - 130	1	35
Ethylbenzene	0.100	0.08788		mg/Kg		88	70 - 130	3	35
m,p-Xylenes	0.200	0.1910		mg/Kg		95	70 - 130	5	35
o-Xylene	0.100	0.09228		mg/Kg		92	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 880-56533-A-1-E MS

Matrix: Solid

Analysis Batch: 106990

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.100	0.1138		mg/Kg		114	70 - 130
Toluene	<0.00199	U	0.100	0.1007		mg/Kg		101	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56533-A-1-E MS

Matrix: Solid

Analysis Batch: 106990

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106994

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.100	0.09025		mg/Kg		90	70 - 130
m,p-Xylenes	<0.00398	U	0.200	0.1892		mg/Kg		95	70 - 130
o-Xylene	<0.00199	U	0.100	0.09004		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-56533-A-1-F MSD

Matrix: Solid

Analysis Batch: 106990

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106994

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.1161		mg/Kg		116	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.09727		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.100	0.08272		mg/Kg		83	70 - 130	9	35
m,p-Xylenes	<0.00398	U	0.200	0.1710		mg/Kg		86	70 - 130	10	35
o-Xylene	<0.00199	U	0.100	0.08092		mg/Kg		81	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-106995/5-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/07/25 08:43	04/07/25 11:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/07/25 08:43	04/07/25 11:33	1

Lab Sample ID: LCS 880-106995/1-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09756		mg/Kg		98	70 - 130
Toluene	0.100	0.09728		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09306		mg/Kg		93	70 - 130
m,p-Xylenes	0.200	0.1863		mg/Kg		93	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-106995/1-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09326		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-106995/2-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09819		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.09799		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.09309		mg/Kg		93	70 - 130	0	35
m,p-Xylenes	0.200	0.1865		mg/Kg		93	70 - 130	0	35
o-Xylene	0.100	0.09348		mg/Kg		93	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-56533-A-6-C MS

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	<0.00202	U	0.100	0.09373		mg/Kg		94	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.08324		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00404	U	0.200	0.1620		mg/Kg		81	70 - 130
o-Xylene	<0.00202	U	0.100	0.08043		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-56533-A-6-D MSD

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09253		mg/Kg		93	70 - 130	9	35
Toluene	<0.00202	U	0.100	0.09219		mg/Kg		92	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.08692		mg/Kg		87	70 - 130	4	35
m,p-Xylenes	<0.00404	U	0.200	0.1713		mg/Kg		86	70 - 130	6	35
o-Xylene	<0.00202	U	0.100	0.08425		mg/Kg		84	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56533-A-6-D MSD

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106995

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-107022/1-A

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 107022

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 17:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 17:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 17:43	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	112		70 - 130				04/07/25 10:01	04/07/25 17:43	1
o-Terphenyl (Surr)	116		70 - 130				04/07/25 10:01	04/07/25 17:43	1

Lab Sample ID: LCS 880-107022/2-A

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	767.6		mg/Kg		77	70 - 130
Diesel Range Organics (Over C10-C28)	1000	939.8		mg/Kg		94	70 - 130
Surrogate	LCS LCS		Limits				
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	99		70 - 130				
o-Terphenyl (Surr)	111		70 - 130				

Lab Sample ID: LCSD 880-107022/3-A

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 107022

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	657.9	*-	mg/Kg		66	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	768.6		mg/Kg		77	70 - 130	20	20
Surrogate	LCSD LCSD		Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	84		70 - 130						
o-Terphenyl (Surr)	91		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56484-A-6-D MS

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 107022

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- F1	994	620.1	F1	mg/Kg		62	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	994	790.7		mg/Kg		77	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	95		70 - 130						
o-Terphenyl (Surr)	105		70 - 130						

Lab Sample ID: 880-56484-A-6-E MSD

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 107022

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- F1	994	664.3	F1	mg/Kg		67	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	994	877.5		mg/Kg		86	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	103		70 - 130								
o-Terphenyl (Surr)	115		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107023/1-A

Matrix: Solid

Analysis Batch: 107029

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/07/25 13:22	1

Lab Sample ID: LCS 880-107023/2-A

Matrix: Solid

Analysis Batch: 107029

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.1		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-107023/3-A

Matrix: Solid

Analysis Batch: 107029

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	267.4		mg/Kg		107	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-56517-A-1-C MS										Client Sample ID: Matrix Spike			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 107029													
	Sample	Sample	Spike	MS	MS				%Rec				
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits				
Chloride	45.7	F1	249	352.3	F1	mg/Kg		123	90 - 110				

Lab Sample ID: 880-56517-A-1-D MSD										Client Sample ID: Matrix Spike Duplicate			
Matrix: Solid										Prep Type: Soluble			
Analysis Batch: 107029													
	Sample	Sample	Spike	MSD	MSD				%Rec			RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD		Limit	
Chloride	45.7	F1	249	353.2	F1	mg/Kg		124	90 - 110	0		20	

QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

GC VOA

Analysis Batch: 106989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-3	H-3 (0-0.5')	Total/NA	Solid	8021B	106995
880-56520-4	H-4 (0-0.5')	Total/NA	Solid	8021B	106995
880-56520-5	H-5 (0-0.5')	Total/NA	Solid	8021B	106995
880-56520-6	H-6 (0-0.5')	Total/NA	Solid	8021B	106995
MB 880-106995/5-A	Method Blank	Total/NA	Solid	8021B	106995
LCS 880-106995/1-A	Lab Control Sample	Total/NA	Solid	8021B	106995
LCSD 880-106995/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106995
880-56533-A-6-C MS	Matrix Spike	Total/NA	Solid	8021B	106995
880-56533-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106995

Analysis Batch: 106990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Total/NA	Solid	8021B	106994
880-56520-2	H-2 (0-0.5')	Total/NA	Solid	8021B	106994
MB 880-106994/5-A	Method Blank	Total/NA	Solid	8021B	106994
LCS 880-106994/1-A	Lab Control Sample	Total/NA	Solid	8021B	106994
LCSD 880-106994/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106994
880-56533-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	106994
880-56533-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106994

Prep Batch: 106994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-56520-2	H-2 (0-0.5')	Total/NA	Solid	5035	
MB 880-106994/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106994/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106994/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56533-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-56533-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 106995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-56520-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-56520-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-56520-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-106995/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106995/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106995/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56533-A-6-C MS	Matrix Spike	Total/NA	Solid	5035	
880-56533-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 107120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56520-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56520-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56520-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56520-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56520-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

GC Semi VOA

Analysis Batch: 107002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	107022
880-56520-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	107022
880-56520-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	107022
880-56520-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	107022
880-56520-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	107022
880-56520-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	107022
MB 880-107022/1-A	Method Blank	Total/NA	Solid	8015B NM	107022
LCS 880-107022/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107022
LCSD 880-107022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107022
880-56484-A-6-D MS	Matrix Spike	Total/NA	Solid	8015B NM	107022
880-56484-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107022

Prep Batch: 107022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56520-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56520-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56520-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56520-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56520-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-107022/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107022/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56484-A-6-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-56484-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-56520-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-56520-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-56520-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-56520-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-56520-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-56520-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-56520-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-56520-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-56520-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-56520-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-107023/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107023/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107023/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56517-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56517-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

HPLC/IC

Analysis Batch: 107029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56520-1	H-1 (0-0.5')	Soluble	Solid	300.0	107023
880-56520-2	H-2 (0-0.5')	Soluble	Solid	300.0	107023
880-56520-3	H-3 (0-0.5')	Soluble	Solid	300.0	107023
880-56520-4	H-4 (0-0.5')	Soluble	Solid	300.0	107023
880-56520-5	H-5 (0-0.5')	Soluble	Solid	300.0	107023
880-56520-6	H-6 (0-0.5')	Soluble	Solid	300.0	107023
MB 880-107023/1-A	Method Blank	Soluble	Solid	300.0	107023
LCS 880-107023/2-A	Lab Control Sample	Soluble	Solid	300.0	107023
LCSD 880-107023/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107023
880-56517-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	107023
880-56517-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	107023

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-56520-1

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106994	04/07/25 08:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106990	04/07/25 19:00	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107120	04/07/25 19:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107154	04/07/25 22:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 22:01	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107023	04/07/25 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107029	04/07/25 15:51	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-56520-2

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106994	04/07/25 08:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106990	04/07/25 19:20	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107120	04/07/25 19:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107154	04/07/25 22:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 22:17	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107023	04/07/25 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107029	04/07/25 15:59	CH	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-56520-3

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 13:57	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107120	04/07/25 13:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107154	04/07/25 22:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 22:33	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	107023	04/07/25 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107029	04/07/25 16:21	CH	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-56520-4

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 14:18	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107120	04/07/25 14:18	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Client Sample ID: H-4 (0-0.5')
Date Collected: 04/03/25 00:00
Date Received: 04/04/25 13:35

Lab Sample ID: 880-56520-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107154	04/07/25 22:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 22:49	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107023	04/07/25 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107029	04/07/25 16:29	CH	EET MID

Client Sample ID: H-5 (0-0.5')
Date Collected: 04/03/25 00:00
Date Received: 04/04/25 13:35

Lab Sample ID: 880-56520-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 14:38	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107120	04/07/25 14:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107154	04/07/25 23:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 23:05	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107023	04/07/25 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107029	04/07/25 16:36	CH	EET MID

Client Sample ID: H-6 (0-0.5')
Date Collected: 04/03/25 00:00
Date Received: 04/04/25 13:35

Lab Sample ID: 880-56520-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 14:59	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107120	04/07/25 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107154	04/07/25 23:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 23:21	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107023	04/07/25 10:29	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107029	04/07/25 16:44	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56520-1
SDG: Eddy CO NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56520-1	H-1 (0-0.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56520-2	H-2 (0-0.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56520-3	H-3 (0-0.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56520-4	H-4 (0-0.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56520-5	H-5 (0-0.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56520-6	H-6 (0-0.5')	Solid	04/03/25 00:00	04/04/25 13:35



990-56520 Chain of Custody

Page 1 of 1



Chain of Custody

Work Order Comments	
Program: <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level <input type="checkbox"/> II <input type="checkbox"/> Level III <input type="checkbox"/> PST/JUST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: <input type="checkbox"/> EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

[illegible]

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4/4/25 1335			
3					

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56520-1

SDG Number: Eddy CO NM

Login Number: 56520

List Number: 1

Creator: Lee, Randell

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701
Generated 4/9/2025 4:28:52 PM

JOB DESCRIPTION

CONOCO FEDERAL #001
Eddy Co NM

JOB NUMBER

880-56526-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/9/2025 4:28:52 PM

Authorized for release by
Jessica Kramer, Project Manager
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Laboratory Job ID: 880-56526-1
SDG: Eddy Co NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: CONOCO FEDERAL #001

Job ID: 880-56526-1

Job ID: 880-56526-1

Eurofins Midland

Job Narrative 880-56526-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/4/2025 1:35 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.0°C.

GC VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Diesel Range Organics

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107022 and analytical batch 880-107002 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-1 (3.0') (880-56526-4). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107025/2-A). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-56526-1

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:43	04/07/25 16:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:43	04/07/25 16:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:43	04/07/25 16:21	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/07/25 08:43	04/07/25 16:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:43	04/07/25 16:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/07/25 08:43	04/07/25 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/07/25 08:43	04/07/25 16:21	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/07/25 08:43	04/07/25 16:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/07/25 16:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	65.0		49.7		mg/Kg			04/07/25 23:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U *	49.7		mg/Kg		04/07/25 10:01	04/07/25 23:38	1
Diesel Range Organics (Over C10-C28)	65.0		49.7		mg/Kg		04/07/25 10:01	04/07/25 23:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/07/25 10:01	04/07/25 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	04/07/25 10:01	04/07/25 23:38	1
o-Terphenyl (Surr)	122		70 - 130	04/07/25 10:01	04/07/25 23:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.6		9.94		mg/Kg			04/07/25 16:03	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-56526-2

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 16:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 16:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 16:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 16:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 16:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/07/25 08:43	04/07/25 16:42	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/07/25 08:43	04/07/25 16:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-56526-2

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 16:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/07/25 23:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *	50.0		mg/Kg		04/07/25 10:01	04/07/25 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 23:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				04/07/25 10:01	04/07/25 23:54	1
o-Terphenyl (Surr)	118		70 - 130				04/07/25 10:01	04/07/25 23:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.0		9.92		mg/Kg			04/07/25 16:09	1

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-56526-3

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:43	04/07/25 17:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:43	04/07/25 17:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/07/25 08:43	04/07/25 17:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130				04/07/25 08:43	04/07/25 17:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 17:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/08/25 00:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *	49.8		mg/Kg		04/07/25 10:01	04/08/25 00:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/25 10:01	04/08/25 00:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-56526-3

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/25 10:01	04/08/25 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				04/07/25 10:01	04/08/25 00:11	1
o-Terphenyl (Surr)	114		70 - 130				04/07/25 10:01	04/08/25 00:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.0		10.0		mg/Kg			04/07/25 16:26	1

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-56526-4

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:43	04/07/25 17:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:43	04/07/25 17:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:43	04/07/25 17:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/07/25 08:43	04/07/25 17:23	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/07/25 08:43	04/07/25 17:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 17:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			04/08/25 00:27	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U *-	50.5		mg/Kg		04/07/25 10:01	04/08/25 00:27	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		04/07/25 10:01	04/08/25 00:27	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		04/07/25 10:01	04/08/25 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				04/07/25 10:01	04/08/25 00:27	1
o-Terphenyl (Surr)	133	S1+	70 - 130				04/07/25 10:01	04/08/25 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.8		9.98		mg/Kg			04/07/25 16:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-56526-5

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 17:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 17:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 17:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 17:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 17:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/07/25 08:43	04/07/25 17:43	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/07/25 08:43	04/07/25 17:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 17:43	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/07/25 20:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 20:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 20:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	04/07/25 11:09	04/07/25 20:24	1
o-Terphenyl (Surr)	125		70 - 130	04/07/25 11:09	04/07/25 20:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	123		10.0		mg/Kg			04/07/25 16:38	1

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-56526-6

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 18:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/07/25 08:43	04/07/25 18:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/07/25 08:43	04/07/25 18:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-56526-6

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/25 18:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/07/25 21:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 21:11	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 21:11	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				04/07/25 11:09	04/07/25 21:11	1
o-Terphenyl (Surr)	121		70 - 130				04/07/25 11:09	04/07/25 21:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		9.94		mg/Kg			04/07/25 16:44	1

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-56526-7

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/07/25 08:43	04/07/25 18:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 18:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/25 08:43	04/07/25 18:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/07/25 08:43	04/07/25 18:24	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/07/25 08:43	04/07/25 18:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/07/25 18:24	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	257		49.8		mg/Kg			04/07/25 21:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/07/25 21:25	1
Diesel Range Organics (Over C10-C28)	257		49.8		mg/Kg		04/07/25 11:09	04/07/25 21:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-56526-7

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/07/25 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				04/07/25 11:09	04/07/25 21:25	1
o-Terphenyl (Surr)	127		70 - 130				04/07/25 11:09	04/07/25 21:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.92		mg/Kg			04/07/25 16:50	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-56526-8

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 18:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 18:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 18:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 18:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:43	04/07/25 18:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:43	04/07/25 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				04/07/25 08:43	04/07/25 18:44	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/07/25 08:43	04/07/25 18:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 18:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/07/25 21:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 21:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 21:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 21:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				04/07/25 11:09	04/07/25 21:41	1
o-Terphenyl (Surr)	119		70 - 130				04/07/25 11:09	04/07/25 21:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.6		10.1		mg/Kg			04/07/25 16:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-56526-9

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/07/25 08:43	04/07/25 19:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/25 08:43	04/07/25 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/07/25 08:43	04/07/25 19:05	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/07/25 08:43	04/07/25 19:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/07/25 19:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/07/25 21:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 21:55	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 21:55	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	04/07/25 11:09	04/07/25 21:55	1
o-Terphenyl (Surr)	122		70 - 130	04/07/25 11:09	04/07/25 21:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.0		9.94		mg/Kg			04/07/25 17:13	1

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-56526-10

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 19:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 19:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/07/25 08:43	04/07/25 19:25	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/07/25 08:43	04/07/25 19:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-2 (3.0')

Lab Sample ID: 880-56526-10

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/25 19:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/07/25 22:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/07/25 22:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/07/25 22:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/07/25 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				04/07/25 11:09	04/07/25 22:11	1
o-Terphenyl (Surr)	116		70 - 130				04/07/25 11:09	04/07/25 22:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		9.92		mg/Kg			04/07/25 17:18	1

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-56526-11

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 14:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 14:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 14:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 14:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 14:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				04/07/25 08:45	04/07/25 14:05	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/07/25 08:45	04/07/25 14:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 14:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/07/25 22:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 22:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 22:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-56526-11

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 22:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				04/07/25 11:09	04/07/25 22:25	1
o-Terphenyl (Surr)	119		70 - 130				04/07/25 11:09	04/07/25 22:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		9.96		mg/Kg			04/07/25 17:36	1

Client Sample ID: S-2 (5.0')

Lab Sample ID: 880-56526-12

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 14:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 14:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 14:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 14:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 14:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 14:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/07/25 08:45	04/07/25 14:26	1
1,4-Difluorobenzene (Surr)	95		70 - 130				04/07/25 08:45	04/07/25 14:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 14:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/07/25 22:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/07/25 11:09	04/07/25 22:42	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/07/25 11:09	04/07/25 22:42	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/07/25 11:09	04/07/25 22:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				04/07/25 11:09	04/07/25 22:42	1
o-Terphenyl (Surr)	119		70 - 130				04/07/25 11:09	04/07/25 22:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	164		9.94		mg/Kg			04/07/25 17:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-56526-13

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 14:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 14:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 14:46	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/07/25 08:45	04/07/25 14:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 14:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/25 08:45	04/07/25 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	04/07/25 08:45	04/07/25 14:46	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/07/25 08:45	04/07/25 14:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/07/25 14:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/07/25 22:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 22:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 22:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	04/07/25 11:09	04/07/25 22:56	1
o-Terphenyl (Surr)	126		70 - 130	04/07/25 11:09	04/07/25 22:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		10.0		mg/Kg			04/07/25 17:47	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-56526-14

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00272		0.00201		mg/Kg		04/07/25 08:45	04/07/25 15:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 15:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 15:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 15:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 15:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/07/25 08:45	04/07/25 15:07	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/07/25 08:45	04/07/25 15:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-56526-14

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 15:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/07/25 23:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/07/25 11:09	04/07/25 23:12	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/07/25 11:09	04/07/25 23:12	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/07/25 11:09	04/07/25 23:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/07/25 11:09	04/07/25 23:12	1
o-Terphenyl (Surr)	115		70 - 130				04/07/25 11:09	04/07/25 23:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.1		9.92		mg/Kg			04/07/25 17:53	1

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-56526-15

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 16:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 16:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 16:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 16:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 16:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				04/07/25 08:45	04/07/25 16:40	1
1,4-Difluorobenzene (Surr)	78		70 - 130				04/07/25 08:45	04/07/25 16:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 16:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/07/25 23:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 23:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 23:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-56526-15

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/07/25 23:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				04/07/25 11:09	04/07/25 23:42	1
o-Terphenyl (Surr)	115		70 - 130				04/07/25 11:09	04/07/25 23:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.3		9.96		mg/Kg			04/07/25 17:59	1

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-56526-16

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 17:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				04/07/25 08:45	04/07/25 17:00	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/07/25 08:45	04/07/25 17:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/25 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/07/25 23:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 23:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 23:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/07/25 23:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				04/07/25 11:09	04/07/25 23:56	1
o-Terphenyl (Surr)	115		70 - 130				04/07/25 11:09	04/07/25 23:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.4		9.98		mg/Kg			04/07/25 18:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (4.0')

Lab Sample ID: 880-56526-17

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00268		0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/07/25 08:45	04/07/25 17:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 17:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/25 08:45	04/07/25 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/07/25 08:45	04/07/25 17:21	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/07/25 08:45	04/07/25 17:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			04/07/25 17:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/08/25 00:12	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/08/25 00:12	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/08/25 00:12	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/08/25 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	04/07/25 11:09	04/08/25 00:12	1
o-Terphenyl (Surr)	117		70 - 130	04/07/25 11:09	04/08/25 00:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.4		10.1		mg/Kg			04/07/25 18:10	1

Client Sample ID: S-3 (5.0')

Lab Sample ID: 880-56526-18

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/07/25 08:45	04/07/25 17:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/07/25 08:45	04/07/25 17:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/07/25 08:45	04/07/25 17:41	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/07/25 08:45	04/07/25 17:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/07/25 08:45	04/07/25 17:41	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/07/25 08:45	04/07/25 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/07/25 08:45	04/07/25 17:41	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/07/25 08:45	04/07/25 17:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (5.0')

Lab Sample ID: 880-56526-18

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			04/07/25 17:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/08/25 00:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/08/25 00:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/08/25 00:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/07/25 11:09	04/08/25 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				04/07/25 11:09	04/08/25 00:26	1
o-Terphenyl (Surr)	121		70 - 130				04/07/25 11:09	04/08/25 00:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.92		mg/Kg			04/07/25 16:04	1

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-56526-19

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 18:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 18:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 18:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 18:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 18:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 18:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				04/07/25 08:45	04/07/25 18:01	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/07/25 08:45	04/07/25 18:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 18:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/08/25 00:41	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 00:41	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 00:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-56526-19

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				04/07/25 11:09	04/08/25 00:41	1
o-Terphenyl (Surr)	122		70 - 130				04/07/25 11:09	04/08/25 00:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	420		10.0		mg/Kg			04/07/25 16:26	1

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-56526-20

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 18:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 18:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 18:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 18:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 18:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 18:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				04/07/25 08:45	04/07/25 18:22	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/07/25 08:45	04/07/25 18:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 18:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/25 00:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/08/25 00:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/08/25 00:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/08/25 00:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				04/07/25 11:09	04/08/25 00:55	1
o-Terphenyl (Surr)	113		70 - 130				04/07/25 11:09	04/08/25 00:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		9.96		mg/Kg			04/07/25 16:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-56526-21

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 18:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 18:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 18:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 18:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 18:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/07/25 08:45	04/07/25 18:42	1
1,4-Difluorobenzene (Surr)	83		70 - 130	04/07/25 08:45	04/07/25 18:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			04/07/25 18:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/08/25 01:10	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/08/25 01:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/08/25 01:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/08/25 01:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	04/07/25 11:09	04/08/25 01:10	1
o-Terphenyl (Surr)	117		70 - 130	04/07/25 11:09	04/08/25 01:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	336		9.98		mg/Kg			04/07/25 16:40	1

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-56526-22

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 19:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 19:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 19:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 19:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/07/25 08:45	04/07/25 19:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/07/25 08:45	04/07/25 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/07/25 08:45	04/07/25 19:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/07/25 08:45	04/07/25 19:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-56526-22

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			04/07/25 19:03	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/08/25 01:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 01:23	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 01:23	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 01:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				04/07/25 11:09	04/08/25 01:23	1
o-Terphenyl (Surr)	119		70 - 130				04/07/25 11:09	04/08/25 01:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	529		9.92		mg/Kg			04/07/25 16:47	1

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-56526-23

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:45	04/07/25 19:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:45	04/07/25 19:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:45	04/07/25 19:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/07/25 08:45	04/07/25 19:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/07/25 08:45	04/07/25 19:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/07/25 08:45	04/07/25 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				04/07/25 08:45	04/07/25 19:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130				04/07/25 08:45	04/07/25 19:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			04/07/25 19:23	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			04/08/25 01:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/08/25 01:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/08/25 01:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-56526-23

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/07/25 11:09	04/08/25 01:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				04/07/25 11:09	04/08/25 01:38	1
o-Terphenyl (Surr)	119		70 - 130				04/07/25 11:09	04/08/25 01:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		10.1		mg/Kg			04/07/25 17:09	1

Client Sample ID: S-4 (5.0')

Lab Sample ID: 880-56526-24

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 19:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 19:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 19:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 19:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 08:45	04/07/25 19:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 08:45	04/07/25 19:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				04/07/25 08:45	04/07/25 19:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/07/25 08:45	04/07/25 19:44	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			04/07/25 19:44	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/08/25 01:51	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 01:51	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 01:51	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/07/25 11:09	04/08/25 01:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				04/07/25 11:09	04/08/25 01:51	1
o-Terphenyl (Surr)	125		70 - 130				04/07/25 11:09	04/08/25 01:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	850		9.94		mg/Kg			04/07/25 17:16	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-56526-1	S-1 (0-1.0')	111	97
880-56526-2	S-1 (1.5')	100	99
880-56526-3	S-1 (2.0')	99	99
880-56526-4	S-1 (3.0')	102	98
880-56526-5	S-1 (4.0')	97	98
880-56526-6	S-1 (5.0')	101	95
880-56526-7	S-2 (0-1.0')	96	97
880-56526-8	S-2 (1.5')	110	98
880-56526-9	S-2 (2.0')	98	98
880-56526-10	S-2 (3.0')	105	94
880-56526-11	S-2 (4.0')	107	95
880-56526-12	S-2 (5.0')	102	95
880-56526-13	S-3 (0-1.0')	102	91
880-56526-14	S-3 (1.5')	100	93
880-56526-15	S-3 (2.0')	117	78
880-56526-16	S-3 (3.0')	89	93
880-56526-17	S-3 (4.0')	99	97
880-56526-18	S-3 (5.0')	104	84
880-56526-19	S-4 (0-1.0')	108	94
880-56526-20	S-4 (1.5')	99	90
880-56526-21	S-4 (2.0')	96	83
880-56526-22	S-4 (3.0')	104	96
880-56526-23	S-4 (4.0')	110	96
880-56526-24	S-4 (5.0')	106	93
880-56533-A-6-C MS	Matrix Spike	92	102
880-56533-A-6-D MSD	Matrix Spike Duplicate	99	99
880-56533-A-11-C MS	Matrix Spike	101	106
880-56533-A-11-D MSD	Matrix Spike Duplicate	103	107
LCS 880-106995/1-A	Lab Control Sample	102	99
LCS 880-106996/1-A	Lab Control Sample	83	103
LCSD 880-106995/2-A	Lab Control Sample Dup	99	100
LCSD 880-106996/2-A	Lab Control Sample Dup	104	107
MB 880-106995/5-A	Method Blank	99	91
MB 880-106996/5-A	Method Blank	91	74
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-56484-A-6-D MS	Matrix Spike	95	105
880-56484-A-6-E MSD	Matrix Spike Duplicate	103	115
880-56526-1	S-1 (0-1.0')	119	122
880-56526-2	S-1 (1.5')	118	118
880-56526-3	S-1 (2.0')	119	114

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Surrogate Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-56526-4	S-1 (3.0')	134 S1+	133 S1+
880-56526-5	S-1 (4.0')	122	125
880-56526-5 MS	S-1 (4.0')	127	122
880-56526-5 MSD	S-1 (4.0')	129	125
880-56526-6	S-1 (5.0')	118	121
880-56526-7	S-2 (0-1.0')	121	127
880-56526-8	S-2 (1.5')	117	119
880-56526-9	S-2 (2.0')	117	122
880-56526-10	S-2 (3.0')	113	116
880-56526-11	S-2 (4.0')	117	119
880-56526-12	S-2 (5.0')	116	119
880-56526-13	S-3 (0-1.0')	120	126
880-56526-14	S-3 (1.5')	114	115
880-56526-15	S-3 (2.0')	113	115
880-56526-16	S-3 (3.0')	113	115
880-56526-17	S-3 (4.0')	114	117
880-56526-18	S-3 (5.0')	117	121
880-56526-19	S-4 (0-1.0')	117	122
880-56526-20	S-4 (1.5')	114	113
880-56526-21	S-4 (2.0')	115	117
880-56526-22	S-4 (3.0')	117	119
880-56526-23	S-4 (4.0')	118	119
880-56526-24	S-4 (5.0')	123	125
LCS 880-107022/2-A	Lab Control Sample	99	111
LCS 880-107025/2-A	Lab Control Sample	134 S1+	134 S1+
LCSD 880-107022/3-A	Lab Control Sample Dup	84	91
LCSD 880-107025/3-A	Lab Control Sample Dup	128	126
MB 880-107022/1-A	Method Blank	112	116
MB 880-107025/1-A	Method Blank	107	114

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106995/5-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:43	04/07/25 11:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:43	04/07/25 11:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/07/25 08:43	04/07/25 11:33	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/07/25 08:43	04/07/25 11:33	1

Lab Sample ID: LCS 880-106995/1-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09756		mg/Kg		98	70 - 130
Toluene	0.100	0.09728		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09306		mg/Kg		93	70 - 130
m,p-Xylenes	0.200	0.1863		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09326		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-106995/2-A

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09819		mg/Kg		98	70 - 130	1	35
Toluene	0.100	0.09799		mg/Kg		98	70 - 130	1	35
Ethylbenzene	0.100	0.09309		mg/Kg		93	70 - 130	0	35
m,p-Xylenes	0.200	0.1865		mg/Kg		93	70 - 130	0	35
o-Xylene	0.100	0.09348		mg/Kg		93	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-56533-A-6-C MS

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1014		mg/Kg		101	70 - 130
Toluene	<0.00202	U	0.100	0.09373		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56533-A-6-C MS

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U	0.100	0.08324		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00404	U	0.200	0.1620		mg/Kg		81	70 - 130
o-Xylene	<0.00202	U	0.100	0.08043		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-56533-A-6-D MSD

Matrix: Solid

Analysis Batch: 106989

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09253		mg/Kg		93	70 - 130	9	35
Toluene	<0.00202	U	0.100	0.09219		mg/Kg		92	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.08692		mg/Kg		87	70 - 130	4	35
m,p-Xylenes	<0.00404	U	0.200	0.1713		mg/Kg		86	70 - 130	6	35
o-Xylene	<0.00202	U	0.100	0.08425		mg/Kg		84	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-106996/5-A

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 106996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 11:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	04/07/25 08:45	04/07/25 11:41	1
1,4-Difluorobenzene (Surr)	74		70 - 130	04/07/25 08:45	04/07/25 11:41	1

Lab Sample ID: LCS 880-106996/1-A

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1114		mg/Kg		111	70 - 130
Toluene	0.100	0.09969		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130
m,p-Xylenes	0.200	0.1955		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-106996/1-A

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 106996

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09405		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-106996/2-A

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 106996

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1228		mg/Kg		123	70 - 130	10	35
Toluene	0.100	0.1150		mg/Kg		115	70 - 130	14	35
Ethylbenzene	0.100	0.1187		mg/Kg		119	70 - 130	13	35
m,p-Xylenes	0.200	0.2268		mg/Kg		113	70 - 130	15	35
o-Xylene	0.100	0.1071		mg/Kg		107	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-56533-A-11-C MS

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 106996

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1178		mg/Kg		118	70 - 130
Toluene	<0.00201	U	0.100	0.1030		mg/Kg		103	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1040		mg/Kg		104	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1957		mg/Kg		98	70 - 130
o-Xylene	<0.00201	U	0.100	0.09523		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-56533-A-11-D MSD

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106996

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1157		mg/Kg		116	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1035		mg/Kg		104	70 - 130	1	35
Ethylbenzene	<0.00201	U	0.100	0.1036		mg/Kg		104	70 - 130	0	35
m,p-Xylenes	<0.00402	U	0.200	0.1981		mg/Kg		99	70 - 130	1	35
o-Xylene	<0.00201	U	0.100	0.09435		mg/Kg		94	70 - 130	1	35

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-56533-A-11-D MSD

Matrix: Solid

Analysis Batch: 106991

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 106996

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-107022/1-A

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 107022

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 17:43	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 17:43	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 10:01	04/07/25 17:43	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane (Surr)	112		70 - 130				04/07/25 10:01	04/07/25 17:43	1	
o-Terphenyl (Surr)	116		70 - 130				04/07/25 10:01	04/07/25 17:43	1	

Lab Sample ID: LCS 880-107022/2-A

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107022

	Spike	LCS	LCS					%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	767.6		mg/Kg		77	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	939.8		mg/Kg		94	70 - 130			
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	99		70 - 130							
o-Terphenyl (Surr)	111		70 - 130							

Lab Sample ID: LCSD 880-107022/3-A

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 107022

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	657.9	*-	mg/Kg		66	70 - 130	15	20	
Diesel Range Organics (Over C10-C28)	1000	768.6		mg/Kg		77	70 - 130	20	20	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	84		70 - 130							
o-Terphenyl (Surr)	91		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-56484-A-6-D MS

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 107022

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- F1	994	620.1	F1	mg/Kg		62	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	994	790.7		mg/Kg		77	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	95		70 - 130						
o-Terphenyl (Surr)	105		70 - 130						

Lab Sample ID: 880-56484-A-6-E MSD

Matrix: Solid

Analysis Batch: 107002

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 107022

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *- F1	994	664.3	F1	mg/Kg		67	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.9	U	994	877.5		mg/Kg		86	70 - 130	10	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	103		70 - 130								
o-Terphenyl (Surr)	115		70 - 130								

Lab Sample ID: MB 880-107025/1-A

Matrix: Solid

Analysis Batch: 107009

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 107025

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 19:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 19:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/07/25 11:09	04/07/25 19:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				04/07/25 11:09	04/07/25 19:41	1
o-Terphenyl (Surr)	114		70 - 130				04/07/25 11:09	04/07/25 19:41	1

Lab Sample ID: LCS 880-107025/2-A

Matrix: Solid

Analysis Batch: 107009

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1070		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1150		mg/Kg		115	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-107025/2-A

Matrix: Solid

Analysis Batch: 107009

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 107025

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: LCSD 880-107025/3-A

Matrix: Solid

Analysis Batch: 107009

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 107025

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1015		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1108		mg/Kg		111	70 - 130	4	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	126		70 - 130

Lab Sample ID: 880-56526-5 MS

Matrix: Solid

Analysis Batch: 107009

Client Sample ID: S-1 (4.0')

Prep Type: Total/NA

Prep Batch: 107025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	909.1		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	995	981.8		mg/Kg		99	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 880-56526-5 MSD

Matrix: Solid

Analysis Batch: 107009

Client Sample ID: S-1 (4.0')

Prep Type: Total/NA

Prep Batch: 107025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	995	886.8		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	995	994.5		mg/Kg		100	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	125		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107024/1-A

Matrix: Solid

Analysis Batch: 107039

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/07/25 15:17	1

Lab Sample ID: LCS 880-107024/2-A

Matrix: Solid

Analysis Batch: 107039

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-107024/3-A

Matrix: Solid

Analysis Batch: 107039

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	241.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-56526-8 MS

Matrix: Solid

Analysis Batch: 107039

Client Sample ID: S-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	94.6		253	340.6		mg/Kg		97	90 - 110

Lab Sample ID: 880-56526-8 MSD

Matrix: Solid

Analysis Batch: 107039

Client Sample ID: S-2 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	94.6		253	340.8		mg/Kg		97	90 - 110	0	20

Lab Sample ID: MB 880-107028/1-A

Matrix: Solid

Analysis Batch: 107040

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/07/25 15:42	1

Lab Sample ID: LCS 880-107028/2-A

Matrix: Solid

Analysis Batch: 107040

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-107028/3-A

Matrix: Solid

Analysis Batch: 107040

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	244.4		mg/Kg		98	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-56526-18 MS											Client Sample ID: S-3 (5.0')	
Matrix: Solid											Prep Type: Soluble	
Analysis Batch: 107040												
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits			
Chloride	107		248	365.3		mg/Kg		104	90 - 110			

Lab Sample ID: 880-56526-18 MSD											Client Sample ID: S-3 (5.0')	
Matrix: Solid											Prep Type: Soluble	
Analysis Batch: 107040												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	107		248	362.7		mg/Kg		103	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

GC VOA

Analysis Batch: 106989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Total/NA	Solid	8021B	106995
880-56526-2	S-1 (1.5')	Total/NA	Solid	8021B	106995
880-56526-3	S-1 (2.0')	Total/NA	Solid	8021B	106995
880-56526-4	S-1 (3.0')	Total/NA	Solid	8021B	106995
880-56526-5	S-1 (4.0')	Total/NA	Solid	8021B	106995
880-56526-6	S-1 (5.0')	Total/NA	Solid	8021B	106995
880-56526-7	S-2 (0-1.0')	Total/NA	Solid	8021B	106995
880-56526-8	S-2 (1.5')	Total/NA	Solid	8021B	106995
880-56526-9	S-2 (2.0')	Total/NA	Solid	8021B	106995
880-56526-10	S-2 (3.0')	Total/NA	Solid	8021B	106995
MB 880-106995/5-A	Method Blank	Total/NA	Solid	8021B	106995
LCS 880-106995/1-A	Lab Control Sample	Total/NA	Solid	8021B	106995
LCSD 880-106995/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106995
880-56533-A-6-C MS	Matrix Spike	Total/NA	Solid	8021B	106995
880-56533-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106995

Analysis Batch: 106991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-11	S-2 (4.0')	Total/NA	Solid	8021B	106996
880-56526-12	S-2 (5.0')	Total/NA	Solid	8021B	106996
880-56526-13	S-3 (0-1.0')	Total/NA	Solid	8021B	106996
880-56526-14	S-3 (1.5')	Total/NA	Solid	8021B	106996
880-56526-15	S-3 (2.0')	Total/NA	Solid	8021B	106996
880-56526-16	S-3 (3.0')	Total/NA	Solid	8021B	106996
880-56526-17	S-3 (4.0')	Total/NA	Solid	8021B	106996
880-56526-18	S-3 (5.0')	Total/NA	Solid	8021B	106996
880-56526-19	S-4 (0-1.0')	Total/NA	Solid	8021B	106996
880-56526-20	S-4 (1.5')	Total/NA	Solid	8021B	106996
880-56526-21	S-4 (2.0')	Total/NA	Solid	8021B	106996
880-56526-22	S-4 (3.0')	Total/NA	Solid	8021B	106996
880-56526-23	S-4 (4.0')	Total/NA	Solid	8021B	106996
880-56526-24	S-4 (5.0')	Total/NA	Solid	8021B	106996
MB 880-106996/5-A	Method Blank	Total/NA	Solid	8021B	106996
LCS 880-106996/1-A	Lab Control Sample	Total/NA	Solid	8021B	106996
LCSD 880-106996/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106996
880-56533-A-11-C MS	Matrix Spike	Total/NA	Solid	8021B	106996
880-56533-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106996

Prep Batch: 106995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Total/NA	Solid	5035	
880-56526-2	S-1 (1.5')	Total/NA	Solid	5035	
880-56526-3	S-1 (2.0')	Total/NA	Solid	5035	
880-56526-4	S-1 (3.0')	Total/NA	Solid	5035	
880-56526-5	S-1 (4.0')	Total/NA	Solid	5035	
880-56526-6	S-1 (5.0')	Total/NA	Solid	5035	
880-56526-7	S-2 (0-1.0')	Total/NA	Solid	5035	
880-56526-8	S-2 (1.5')	Total/NA	Solid	5035	
880-56526-9	S-2 (2.0')	Total/NA	Solid	5035	
880-56526-10	S-2 (3.0')	Total/NA	Solid	5035	
MB 880-106995/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

GC VOA (Continued)

Prep Batch: 106995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-106995/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106995/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56533-A-6-C MS	Matrix Spike	Total/NA	Solid	5035	
880-56533-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 106996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-11	S-2 (4.0')	Total/NA	Solid	5035	
880-56526-12	S-2 (5.0')	Total/NA	Solid	5035	
880-56526-13	S-3 (0-1.0')	Total/NA	Solid	5035	
880-56526-14	S-3 (1.5')	Total/NA	Solid	5035	
880-56526-15	S-3 (2.0')	Total/NA	Solid	5035	
880-56526-16	S-3 (3.0')	Total/NA	Solid	5035	
880-56526-17	S-3 (4.0')	Total/NA	Solid	5035	
880-56526-18	S-3 (5.0')	Total/NA	Solid	5035	
880-56526-19	S-4 (0-1.0')	Total/NA	Solid	5035	
880-56526-20	S-4 (1.5')	Total/NA	Solid	5035	
880-56526-21	S-4 (2.0')	Total/NA	Solid	5035	
880-56526-22	S-4 (3.0')	Total/NA	Solid	5035	
880-56526-23	S-4 (4.0')	Total/NA	Solid	5035	
880-56526-24	S-4 (5.0')	Total/NA	Solid	5035	
MB 880-106996/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106996/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106996/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56533-A-11-C MS	Matrix Spike	Total/NA	Solid	5035	
880-56533-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 107126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-56526-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-56526-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-56526-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-56526-5	S-1 (4.0')	Total/NA	Solid	Total BTEX	
880-56526-6	S-1 (5.0')	Total/NA	Solid	Total BTEX	
880-56526-7	S-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-56526-8	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-56526-9	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-56526-10	S-2 (3.0')	Total/NA	Solid	Total BTEX	
880-56526-11	S-2 (4.0')	Total/NA	Solid	Total BTEX	
880-56526-12	S-2 (5.0')	Total/NA	Solid	Total BTEX	
880-56526-13	S-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-56526-14	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-56526-15	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-56526-16	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-56526-17	S-3 (4.0')	Total/NA	Solid	Total BTEX	
880-56526-18	S-3 (5.0')	Total/NA	Solid	Total BTEX	
880-56526-19	S-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-56526-20	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-56526-21	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-56526-22	S-4 (3.0')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

GC VOA (Continued)

Analysis Batch: 107126 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-23	S-4 (4.0')	Total/NA	Solid	Total BTEX	
880-56526-24	S-4 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 107002

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Total/NA	Solid	8015B NM	107022
880-56526-2	S-1 (1.5')	Total/NA	Solid	8015B NM	107022
880-56526-3	S-1 (2.0')	Total/NA	Solid	8015B NM	107022
880-56526-4	S-1 (3.0')	Total/NA	Solid	8015B NM	107022
MB 880-107022/1-A	Method Blank	Total/NA	Solid	8015B NM	107022
LCS 880-107022/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107022
LCSD 880-107022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107022
880-56484-A-6-D MS	Matrix Spike	Total/NA	Solid	8015B NM	107022
880-56484-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107022

Analysis Batch: 107009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-5	S-1 (4.0')	Total/NA	Solid	8015B NM	107025
880-56526-6	S-1 (5.0')	Total/NA	Solid	8015B NM	107025
880-56526-7	S-2 (0-1.0')	Total/NA	Solid	8015B NM	107025
880-56526-8	S-2 (1.5')	Total/NA	Solid	8015B NM	107025
880-56526-9	S-2 (2.0')	Total/NA	Solid	8015B NM	107025
880-56526-10	S-2 (3.0')	Total/NA	Solid	8015B NM	107025
880-56526-11	S-2 (4.0')	Total/NA	Solid	8015B NM	107025
880-56526-12	S-2 (5.0')	Total/NA	Solid	8015B NM	107025
880-56526-13	S-3 (0-1.0')	Total/NA	Solid	8015B NM	107025
880-56526-14	S-3 (1.5')	Total/NA	Solid	8015B NM	107025
880-56526-15	S-3 (2.0')	Total/NA	Solid	8015B NM	107025
880-56526-16	S-3 (3.0')	Total/NA	Solid	8015B NM	107025
880-56526-17	S-3 (4.0')	Total/NA	Solid	8015B NM	107025
880-56526-18	S-3 (5.0')	Total/NA	Solid	8015B NM	107025
880-56526-19	S-4 (0-1.0')	Total/NA	Solid	8015B NM	107025
880-56526-20	S-4 (1.5')	Total/NA	Solid	8015B NM	107025
880-56526-21	S-4 (2.0')	Total/NA	Solid	8015B NM	107025
880-56526-22	S-4 (3.0')	Total/NA	Solid	8015B NM	107025
880-56526-23	S-4 (4.0')	Total/NA	Solid	8015B NM	107025
880-56526-24	S-4 (5.0')	Total/NA	Solid	8015B NM	107025
MB 880-107025/1-A	Method Blank	Total/NA	Solid	8015B NM	107025
LCS 880-107025/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107025
LCSD 880-107025/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107025
880-56526-5 MS	S-1 (4.0')	Total/NA	Solid	8015B NM	107025
880-56526-5 MSD	S-1 (4.0')	Total/NA	Solid	8015B NM	107025

Prep Batch: 107022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-56526-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-56526-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-56526-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Prep Batch: 107022 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-107022/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107022/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56484-A-6-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-56484-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 107025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-5	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-56526-6	S-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-56526-7	S-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-56526-8	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-56526-9	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-56526-10	S-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-56526-11	S-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-56526-12	S-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-56526-13	S-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-56526-14	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-56526-15	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-56526-16	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-56526-17	S-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-56526-18	S-3 (5.0')	Total/NA	Solid	8015NM Prep	
880-56526-19	S-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-56526-20	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-56526-21	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-56526-22	S-4 (3.0')	Total/NA	Solid	8015NM Prep	
880-56526-23	S-4 (4.0')	Total/NA	Solid	8015NM Prep	
880-56526-24	S-4 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-107025/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107025/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107025/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56526-5 MS	S-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-56526-5 MSD	S-1 (4.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-56526-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-56526-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-56526-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-56526-5	S-1 (4.0')	Total/NA	Solid	8015 NM	
880-56526-6	S-1 (5.0')	Total/NA	Solid	8015 NM	
880-56526-7	S-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-56526-8	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-56526-9	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-56526-10	S-2 (3.0')	Total/NA	Solid	8015 NM	
880-56526-11	S-2 (4.0')	Total/NA	Solid	8015 NM	
880-56526-12	S-2 (5.0')	Total/NA	Solid	8015 NM	
880-56526-13	S-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-56526-14	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-56526-15	S-3 (2.0')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

GC Semi VOA (Continued)

Analysis Batch: 107155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-16	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-56526-17	S-3 (4.0')	Total/NA	Solid	8015 NM	
880-56526-18	S-3 (5.0')	Total/NA	Solid	8015 NM	
880-56526-19	S-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-56526-20	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-56526-21	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-56526-22	S-4 (3.0')	Total/NA	Solid	8015 NM	
880-56526-23	S-4 (4.0')	Total/NA	Solid	8015 NM	
880-56526-24	S-4 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Soluble	Solid	DI Leach	
880-56526-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-56526-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-56526-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-56526-5	S-1 (4.0')	Soluble	Solid	DI Leach	
880-56526-6	S-1 (5.0')	Soluble	Solid	DI Leach	
880-56526-7	S-2 (0-1.0')	Soluble	Solid	DI Leach	
880-56526-8	S-2 (1.5')	Soluble	Solid	DI Leach	
880-56526-9	S-2 (2.0')	Soluble	Solid	DI Leach	
880-56526-10	S-2 (3.0')	Soluble	Solid	DI Leach	
880-56526-11	S-2 (4.0')	Soluble	Solid	DI Leach	
880-56526-12	S-2 (5.0')	Soluble	Solid	DI Leach	
880-56526-13	S-3 (0-1.0')	Soluble	Solid	DI Leach	
880-56526-14	S-3 (1.5')	Soluble	Solid	DI Leach	
880-56526-15	S-3 (2.0')	Soluble	Solid	DI Leach	
880-56526-16	S-3 (3.0')	Soluble	Solid	DI Leach	
880-56526-17	S-3 (4.0')	Soluble	Solid	DI Leach	
MB 880-107024/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107024/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107024/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56526-8 MS	S-2 (1.5')	Soluble	Solid	DI Leach	
880-56526-8 MSD	S-2 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 107028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-18	S-3 (5.0')	Soluble	Solid	DI Leach	
880-56526-19	S-4 (0-1.0')	Soluble	Solid	DI Leach	
880-56526-20	S-4 (1.5')	Soluble	Solid	DI Leach	
880-56526-21	S-4 (2.0')	Soluble	Solid	DI Leach	
880-56526-22	S-4 (3.0')	Soluble	Solid	DI Leach	
880-56526-23	S-4 (4.0')	Soluble	Solid	DI Leach	
880-56526-24	S-4 (5.0')	Soluble	Solid	DI Leach	
MB 880-107028/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107028/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107028/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56526-18 MS	S-3 (5.0')	Soluble	Solid	DI Leach	
880-56526-18 MSD	S-3 (5.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

HPLC/IC

Analysis Batch: 107039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-1	S-1 (0-1.0')	Soluble	Solid	300.0	107024
880-56526-2	S-1 (1.5')	Soluble	Solid	300.0	107024
880-56526-3	S-1 (2.0')	Soluble	Solid	300.0	107024
880-56526-4	S-1 (3.0')	Soluble	Solid	300.0	107024
880-56526-5	S-1 (4.0')	Soluble	Solid	300.0	107024
880-56526-6	S-1 (5.0')	Soluble	Solid	300.0	107024
880-56526-7	S-2 (0-1.0')	Soluble	Solid	300.0	107024
880-56526-8	S-2 (1.5')	Soluble	Solid	300.0	107024
880-56526-9	S-2 (2.0')	Soluble	Solid	300.0	107024
880-56526-10	S-2 (3.0')	Soluble	Solid	300.0	107024
880-56526-11	S-2 (4.0')	Soluble	Solid	300.0	107024
880-56526-12	S-2 (5.0')	Soluble	Solid	300.0	107024
880-56526-13	S-3 (0-1.0')	Soluble	Solid	300.0	107024
880-56526-14	S-3 (1.5')	Soluble	Solid	300.0	107024
880-56526-15	S-3 (2.0')	Soluble	Solid	300.0	107024
880-56526-16	S-3 (3.0')	Soluble	Solid	300.0	107024
880-56526-17	S-3 (4.0')	Soluble	Solid	300.0	107024
MB 880-107024/1-A	Method Blank	Soluble	Solid	300.0	107024
LCS 880-107024/2-A	Lab Control Sample	Soluble	Solid	300.0	107024
LCSD 880-107024/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107024
880-56526-8 MS	S-2 (1.5')	Soluble	Solid	300.0	107024
880-56526-8 MSD	S-2 (1.5')	Soluble	Solid	300.0	107024

Analysis Batch: 107040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56526-18	S-3 (5.0')	Soluble	Solid	300.0	107028
880-56526-19	S-4 (0-1.0')	Soluble	Solid	300.0	107028
880-56526-20	S-4 (1.5')	Soluble	Solid	300.0	107028
880-56526-21	S-4 (2.0')	Soluble	Solid	300.0	107028
880-56526-22	S-4 (3.0')	Soluble	Solid	300.0	107028
880-56526-23	S-4 (4.0')	Soluble	Solid	300.0	107028
880-56526-24	S-4 (5.0')	Soluble	Solid	300.0	107028
MB 880-107028/1-A	Method Blank	Soluble	Solid	300.0	107028
LCS 880-107028/2-A	Lab Control Sample	Soluble	Solid	300.0	107028
LCSD 880-107028/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107028
880-56526-18 MS	S-3 (5.0')	Soluble	Solid	300.0	107028
880-56526-18 MSD	S-3 (5.0')	Soluble	Solid	300.0	107028

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-56526-1

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 16:21	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 16:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 23:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 23:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:03	CH	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-56526-2

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 16:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 16:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 23:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/07/25 23:54	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:09	CH	EET MID

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-56526-3

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 17:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 17:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 00:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/08/25 00:11	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:26	CH	EET MID

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-56526-4

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 17:23	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 17:23	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-56526-4

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107155	04/08/25 00:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	107022	04/07/25 10:01	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107002	04/08/25 00:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:32	CH	EET MID

Client Sample ID: S-1 (4.0')

Lab Sample ID: 880-56526-5

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 17:43	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 17:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 20:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 20:24	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:38	CH	EET MID

Client Sample ID: S-1 (5.0')

Lab Sample ID: 880-56526-6

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 18:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 18:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 21:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 21:11	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:44	CH	EET MID

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-56526-7

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 18:24	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 18:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 21:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 21:25	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-2 (0-1.0')**Lab Sample ID: 880-56526-7****Date Collected: 04/03/25 00:00****Matrix: Solid****Date Received: 04/04/25 13:35**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:50	CH	EET MID

Client Sample ID: S-2 (1.5')**Lab Sample ID: 880-56526-8****Date Collected: 04/03/25 00:00****Matrix: Solid****Date Received: 04/04/25 13:35**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 18:44	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 18:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 21:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 21:41	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 16:55	CH	EET MID

Client Sample ID: S-2 (2.0')**Lab Sample ID: 880-56526-9****Date Collected: 04/03/25 00:00****Matrix: Solid****Date Received: 04/04/25 13:35**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 19:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 19:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 21:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 21:55	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:13	CH	EET MID

Client Sample ID: S-2 (3.0')**Lab Sample ID: 880-56526-10****Date Collected: 04/03/25 00:00****Matrix: Solid****Date Received: 04/04/25 13:35**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106995	04/07/25 08:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106989	04/07/25 19:25	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 19:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 22:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 22:11	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:18	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-2 (4.0')

Lab Sample ID: 880-56526-11

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 14:05	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 14:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 22:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 22:25	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:36	CH	EET MID

Client Sample ID: S-2 (5.0')

Lab Sample ID: 880-56526-12

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 14:26	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 14:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 22:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 22:42	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:41	CH	EET MID

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-56526-13

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 14:46	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 14:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 22:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 22:56	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:47	CH	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-56526-14

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 15:07	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 15:07	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (1.5')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107155	04/07/25 23:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 23:12	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:53	CH	EET MID

Client Sample ID: S-3 (2.0')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 16:40	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 16:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 23:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 23:42	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 17:59	CH	EET MID

Client Sample ID: S-3 (3.0')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 17:00	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/07/25 23:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/07/25 23:56	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 18:04	CH	EET MID

Client Sample ID: S-3 (4.0')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 17:21	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 17:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 00:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 00:12	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-3 (4.0')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	107024	04/07/25 10:31	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107039	04/07/25 18:10	CH	EET MID

Client Sample ID: S-3 (5.0')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 17:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 17:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 00:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 00:26	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 16:04	CH	EET MID

Client Sample ID: S-4 (0-1.0')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 18:01	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 18:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 00:41	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 00:41	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 16:26	CH	EET MID

Client Sample ID: S-4 (1.5')

Date Collected: 04/03/25 00:00

Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 18:22	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 18:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 00:55	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 00:55	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 16:33	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-56526-21

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 18:42	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 18:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 01:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 01:10	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 16:40	CH	EET MID

Client Sample ID: S-4 (3.0')

Lab Sample ID: 880-56526-22

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 19:03	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 19:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 01:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 01:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 16:47	CH	EET MID

Client Sample ID: S-4 (4.0')

Lab Sample ID: 880-56526-23

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 19:23	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 19:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107155	04/08/25 01:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 01:38	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 17:09	CH	EET MID

Client Sample ID: S-4 (5.0')

Lab Sample ID: 880-56526-24

Date Collected: 04/03/25 00:00

Matrix: Solid

Date Received: 04/04/25 13:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	106996	04/07/25 08:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/07/25 19:44	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107126	04/07/25 19:44	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Client Sample ID: S-4 (5.0')
Date Collected: 04/03/25 00:00
Date Received: 04/04/25 13:35

Lab Sample ID: 880-56526-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107155	04/08/25 01:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107025	04/07/25 11:09	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107009	04/08/25 01:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107028	04/07/25 11:56	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107040	04/07/25 17:16	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Carmona Resources
Project/Site: CONOCO FEDERAL #001

Job ID: 880-56526-1
SDG: Eddy Co NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56526-1	S-1 (0-1.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-2	S-1 (1.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-3	S-1 (2.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-4	S-1 (3.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-5	S-1 (4.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-6	S-1 (5.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-7	S-2 (0-1.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-8	S-2 (1.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-9	S-2 (2.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-10	S-2 (3.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-11	S-2 (4.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-12	S-2 (5.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-13	S-3 (0-1.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-14	S-3 (1.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-15	S-3 (2.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-16	S-3 (3.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-17	S-3 (4.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-18	S-3 (5.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-19	S-4 (0-1.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-20	S-4 (1.5')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-21	S-4 (2.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-22	S-4 (3.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-23	S-4 (4.0')	Solid	04/03/25 00:00	04/04/25 13:35
880-56526-24	S-4 (5.0')	Solid	04/03/25 00:00	04/04/25 13:35

Chain of Custody



880-56526 Chain of Custody

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Work Order Comments

Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other: ☐

Project Manager: Ashton Thielke

Company Name: Carmona Resources

Address: 310 West Wall Ste. 500

City, State ZIP: Midland, TX 79701

Phone: 432-813-8988

Bill to: (if different)

Company Name:

Address:

City, State ZIP:

Email: ThielkeA@Carmonaresources.com

ANALYSIS REQUEST

Project Name:	CONOCO FEDERAL #001	Turn Around	Pres. Code	Parameters		Sample Comments	
Project Number:	2410	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush					
Project Location	Eddy Co, NM	Due Date:					
Sampler's Name:	GPJ	TAT starts the day received by the lab, if received by 4:30pm					
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Received Intact:		Thermometer ID:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Cooler Custody Seals:		Temperature Reading:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Corrected Temperature:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Sample Custody Seals:							
Total Containers:							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Preservative Codes
S-1 (0-1.0')	4/3/2025		X		G	1	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
S-1 (1.5')	4/3/2025		X		G	1	X	X	
S-1 (2.0')	4/3/2025		X		G	1	X	X	
S-1 (3.0')	4/3/2025		X		G	1	X	X	
S-1 (4.0')	4/3/2025		X		G	1	X	X	
S-1 (5.0')	4/3/2025		X		G	1	X	X	
S-2 (0-1.0')	4/3/2025		X		G	1	X	X	
S-2 (1.5')	4/3/2025		X		G	1	X	X	
S-2 (2.0')	4/3/2025		X		G	1	X	X	
S-2 (3.0')	4/3/2025		X		G	1	X	X	

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		4/4/25 1335			

Revised Date 05/11/2025

Work Order No:



Page 2 of 3

Work Order Comments
Program: <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> superfund <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/AUST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Project Name:		CONOCO FEDERAL #001				Turn Around				ANALYSIS REQUEST								Preservative Codes	
Project Number:		2410		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None: NO DI Water: H ₂ O			
Project Location		Eddy Co, NM		Due Date:		Normal										Cool: Cool MeOH: Me			
Sampler's Name:		GPJ		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN			
PO #:																H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No				H ₃ PO ₄ : HP			
Received Intact:		Yes		No		Thermometer ID:										NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes		No		N/A		Correction Factor:								Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes		No		N/A		Temperature Reading:								Zn Acetate+NaOH: Zn			
Total Containers:								Corrected Temperature:								NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont		<th colspan="2">Sample Comments</th>		Sample Comments			
S-2 (4.0')		4/3/2025				X				G		1		X					
S-2 (5.0')		4/3/2025				X				G		1		X					
S-3 (0-1.0')		4/3/2025				X				G		1		X					
S-3 (1.5')		4/3/2025				X				G		1		X					
S-3 (2.0')		4/3/2025				X				G		1		X					
S-3 (3.0')		4/3/2025				X				G		1		X					
S-3 (4.0')		4/3/2025				X				G		1		X					
S-3 (5.0')		4/3/2025				X				G		1		X					
S-4 (0-1.0')		4/3/2025				X				G		1		X					
S-4 (1.5')		4/3/2025				X				G		1		X					

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5/14/25 1335			

Chain of Custody

Work Order No:

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[illegible]

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56526-1

SDG Number: Eddy Co NM

Login Number: 56526

List Number: 1

Creator: Lee, Randell

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 14, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CONOCO FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/13/25 12:22.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: CS - 1 (1.5') (H252846-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50	
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12	
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55	
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682	
Total BTX	<0.300	0.300	05/13/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2025	ND	204	102	200	1.95	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	198	99.1	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 05/13/2025
 Reported: 05/14/2025
 Project Name: CONOCO FEDERAL #001
 Project Number: 2410
 Project Location: EDDY CO, NM

Sampling Date: 05/13/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: CS - 2 (1.5') (H252846-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2025	ND	204	102	200	1.95	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	198	99.1	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: CS - 3 (7.0') (H252846-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTEX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2025	ND	204	102	200	1.95	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	198	99.1	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.6 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: CS - 4 (7.0') (H252846-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2025	ND	204	102	200	1.95	
DRO >C10-C28*	<10.0	10.0	05/13/2025	ND	198	99.1	200	3.07	
EXT DRO >C28-C36	<10.0	10.0	05/13/2025	ND					

Surrogate: 1-Chlorooctane 81.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.7 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 1 (1.5') (H252846-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTEX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 85.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 2 (1.5') (H252846-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTEx	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/13/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 77.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 3 (1.5') (H252846-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTEx	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 4 (1.5') (H252846-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.82	91.0	2.00	5.50		
Toluene*	<0.050	0.050	05/13/2025	ND	2.04	102	2.00	4.12		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.13	106	2.00	1.55		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.48	108	6.00	0.0682		
Total BTEX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/13/2025	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 5 (7.0') (H252846-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.75	87.4	2.00	5.30		
Toluene*	<0.050	0.050	05/13/2025	ND	2.02	101	2.00	3.71		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.15	108	2.00	3.23		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.47	108	6.00	3.41		
Total BTEX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.1 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 6 (7.0') (H252846-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2025	ND	1.75	87.4	2.00	5.30		
Toluene*	<0.050	0.050	05/13/2025	ND	2.02	101	2.00	3.71		
Ethylbenzene*	<0.050	0.050	05/13/2025	ND	2.15	108	2.00	3.23		
Total Xylenes*	<0.150	0.150	05/13/2025	ND	6.47	108	6.00	3.41		
Total BTEX	<0.300	0.300	05/13/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/13/2025	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 7 (7.0') (H252846-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2025	ND	1.75	87.4	2.00	5.30		
Toluene*	<0.050	0.050	05/14/2025	ND	2.02	101	2.00	3.71		
Ethylbenzene*	<0.050	0.050	05/14/2025	ND	2.15	108	2.00	3.23		
Total Xylenes*	<0.150	0.150	05/14/2025	ND	6.47	108	6.00	3.41		
Total BTEx	<0.300	0.300	05/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	05/14/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.0 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/13/2025	Sampling Date:	05/13/2025
Reported:	05/14/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: SW - 8 (7.0') (H252846-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/14/2025	ND	1.75	87.4	2.00	5.30		
Toluene*	<0.050	0.050	05/14/2025	ND	2.02	101	2.00	3.71		
Ethylbenzene*	<0.050	0.050	05/14/2025	ND	2.15	108	2.00	3.23		
Total Xylenes*	<0.150	0.150	05/14/2025	ND	6.47	108	6.00	3.41		
Total BTEx	<0.300	0.300	05/14/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/14/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/14/2025	ND	214	107	200	0.326	
DRO >C10-C28*	<10.0	10.0	05/14/2025	ND	202	101	200	0.605	
EXT DRO >C28-C36	<10.0	10.0	05/14/2025	ND					

Surrogate: 1-Chlorooctane 88.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.5 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H352846

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> <input type="checkbox"/> perfund	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	COJ:OCO FEDERAL #001	Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	2410	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H ₂ O		
Project Location:	Eddy Co. NM	Due Date:	24 hr.														Cool: Cool	MeOH: Me		
Sampler's Name:	JDC	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												HOLD		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																H ₃ PO ₄ : HP		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:																NaHSO ₄ : NABIS		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:																Na ₂ S ₂ O ₃ : NaSO ₃		
Total Containers:		Corrected Temperature:																Zn Acetate+NaOH: Zn		
																		NaOH+Ascorbic Acid: SARC		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-1 (1.5')	5/13/2025		X		C	1	X	X	X											
CS-2 (1.5')	5/13/2025		X		C	1	X	X	X											
CS-3 (7.0')	5/13/2025		X		C	1	X	X	X											
CS-4 (7.0')	5/13/2025		X		C	1	X	X	X											
SW-1 (1.5')	5/13/2025		X		C	1	X	X	X											
SW-2 (1.5')	5/13/2025		X		C	1	X	X	X											
SW-3 (1.5')	5/13/2025		X		C	1	X	X	X											
SW-4 (1.5')	5/13/2025		X		C	1	X	X	X											
SW-5 (7.0')	5/13/2025		X		C	1	X	X	X											
SW-6 (7.0')	5/13/2025		X		C	1	X	X	X											

Please send results to cmoehting@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>Carmona</i>	<i>Ashton Thielke</i>	5-13-25 12:00	2		
3			4		
5			6		

Chain of Custody

Work Order No.:

4625-2846

Page 2 of 2[illegible]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 16, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: CONOCO FEDERAL #001

Enclosed are the results of analyses for samples received by the laboratory on 05/14/25 14:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	05/14/2025	Sampling Date:	05/14/2025
Reported:	05/16/2025	Sampling Type:	Soil
Project Name:	CONOCO FEDERAL #001	Sampling Condition:	Cool & Intact
Project Number:	2410	Sample Received By:	Tamara Oldaker
Project Location:	EDDY CO, NM		

Sample ID: BACKFILL SAMPLE (H252896-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/16/2025	ND	1.90	94.8	2.00	4.17		
Toluene*	<0.050	0.050	05/16/2025	ND	1.97	98.4	2.00	4.97		
Ethylbenzene*	<0.050	0.050	05/16/2025	ND	1.94	97.0	2.00	5.21		
Total Xylenes*	<0.150	0.150	05/16/2025	ND	5.98	99.7	6.00	4.78		
Total BTEX	<0.300	0.300	05/16/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/15/2025	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/15/2025	ND	178	88.9	200	6.62	
DRO >C10-C28*	<10.0	10.0	05/15/2025	ND	172	85.8	200	7.07	
EXT DRO >C28-C36	<10.0	10.0	05/15/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

Work Order No.:

1425 2894

Page 4 of 4

Business Unit - Performance:

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 466167

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 466167
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nPRS0502344803
Incident Name	NPRS0502344803 CONOCO FEDERAL #001 @ 30-025-34958
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-34958] CONOCO FEDERAL #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	CONOCO FEDERAL #001
Date Release Discovered	12/28/2004
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Human Error Production Tank Crude Oil Released: 100 BBL Recovered: 0 BBL Lost: 100 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 466167

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 466167
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/22/2025
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 466167

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	466167
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	1050
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	257
GRO+DRO (EPA SW-846 Method 8015M)	257
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	05/12/2025
On what date will (or did) the final sampling or liner inspection occur	05/12/2025
On what date will (or was) the remediation complete(d)	05/15/2025
What is the estimated surface area (in square feet) that will be reclaimed	544
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	544
What is the estimated volume (in cubic yards) that will be remediated	132
<i>These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 466167

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID:
	4323
	Action Number:
	466167
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/22/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 466167

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 466167
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 466167

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 466167
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	458477
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/08/2025
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	1200

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	544
What was the total volume (cubic yards) remediated	132
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	"Site assessment completed and excavated areas that exceeded set in Table 1 of NMAC 19.15.29.12/13. Backfilled with clean backfill(lab confirmed). Per Chevron safety requirements, added pea gravel to the surface to reduce the possibility of slips trips and falls. Will reclaim/reseed the entire pad during P/A activities".
<i>The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/22/2025

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QUESTIONS, Page 7

Action 466167

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 466167
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 466167

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 466167
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and the OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC.	6/4/2025